First part personal. Enclosure about George Gray + 1/2 part.

GRAY HERBARIUM HARVARD UNIVERSITY CAMBRIDGE, MASS.

GRAY HERBARIUM 56.

8. Ashburton Place, Boston, Friday 7th Jan 1848

My Dear Friend

To-day I got your letter of the 5th. But I am afraid that I shall disappoint you about Manning Ennis's plants. I wrote you that George had been sick, — threatened with the typhoid fever that we often have here. but was convalescent, nicely. Two days after he had a relapse, and has had a very serious time indeed. I have been in his sick room nearly all the time, — and find my strength a little reduced and my arm tremulous, so that I shall not write very plain. He had got so well (without having a course of fever) that Dr. Wyman consented to his going home, as vacation was near. The day he went into town — to pass the night at the Lovings' as Lane desired (so as to take the cars earlier the next morning) I was so busy that I saw little of him. He exerted himself too much — and the next morning fainted on rising. The fever developed itself anew, with rather grave, though not unfavorable symptoms, and went on pretty well, till a week ago, when hemorrhage from the bowels set in. Arrested by

remedies, it set in again worse on Sunday, - was soon permanently relieved, so that on Monday he seemed to be doing finely, though much prostrated, but on Monday night, very distressing pain in the bowels set in, and he was for a time in imminent danger.

Without entering into particulars, I may say that he is now rather better, - indeed there are no unfavorable symptoms now, but extreme weakness, which leaves him not well prepared for any other such time as he has had. We have reason to hope for his recovery, - another day as good as this will greatly reassure us.

It was truly providential, his detention here, at Mr. Loring's, and not on the way home, nor was my own house in a fit state, the carpenters being at work in the addition, with much noise. Here he has had the kindest care, and the best of nurses, with Jane also, who is a treasure in a sick room, and has attended him as if her own brother.

Geo's patience, equable & calm spirit, and trustful Christian character have shone conspicuous and preeminent throughout. It is long since I have slept at home, or indeed have had a night's sleep at all. I have kept the printer going hammer, at introduction, Index, &c — and this "chubby duodecimo"

of some 750 sheets will soon be off my hands.

Thus situated, I cannot now study these plants of Emory at all. Had I not better send them back to you, merely noting what I now know about them, and indicating genera &c. — which may perhaps, with what you may add, suffice for your list. Let me know and I will do this by next day after, if George be convalescent or comfortable.

It is clear that I cannot hope for time enough, not indeed have I scarcely energy and uninterrupted time enough to select Marks or drawing, & superintend the sheets & name them, within a fortnight.

I am having Tuckerman's Lichens printed in Proceedings of Amer. Academy.

Not having heard from Henry, I should like to know how he is getting on with Smith's List.

Going to Cambridge to-day, I found Agassiz had called, but I have not yet seen him.

I did not know that Nuttall was in the country.

Kooskooskie plants should settle one or two of Pursh's (Lewis & Clarke's) not yet well known.

Either Miquel, or some one else, has been writing

on the Pipiraceae lately in Ann. Sci. Nat.
I think I have seen a substantive work
advertised by Baillière of London & Paris.
That is all I know. Love and warm New Year
wishes to Mrs. T. and all the family.

In haste Yours faithfully

A. Gray

SCIENCE CORRESPONDENCE
LIBRARIAN
COLUMBIA UNIVERSITY.

P.S.

Tell Hastings I have his of the 5th.
The London Journal of Botany for Decr. came at length
by mail, 5 days ago only.
The N. British Review, Saxton & Pitt say
have not come to them at all. I called
them ~~yesterday~~ a few days ago. Now am I to
get this, and it happens to be one I wanted much,
for it has a review of the Antarctic Expd. that J. Hooker was in.

P.S. Saturday Morning. George has had
a bad night, but whether he is to experience relief
I cannot now tell. My next letter will give you
information decisively. — A.G.

8 Ashburton Place Jan. 1848.

199. TORREY HERBARIUM

Jan. 1848

Cambridge. Friday.

NATIONAL ACADEMY OF SCIENCE HERBARIUM CONNECTICUT UNIVERSITY.

Dear Friend

Thanks for your kind & sympathizing letter. I write in great haste — to save the mail for N.Y. from Boston — to say that I have sent parcel to you by Adams Express. — — with Mr. Emory's plants — brief notes. —

— One or two of those Compos. will afford duplicates. I should like them — and presently, if you do not describe them fully, I will if you choose describe the new genera fully in Amer. Acad. — You can give brief notes in Emory.

I have now to look out for a publisher for Manual — It costs so much that W. & Putnam decline to take it, except at an offer which would make me pay right off nearly $\frac{1}{3}$ of the cost, while they

take more than the lion's share of the small profits.

I think I can get on through it without them.

In greatest haste

Yours ever

GURNEY CORRESPONDENCE
HERBARIUM

A. Gray

Love to all.

ZORREL 185
HERBARIUM.

148

Dear Doctor

When you visit Princeton first (if the bracts are there), will you help me out of a difficulty about Streptanthus.

ZORREL CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

The enclosed figure is from a plant of Texas, Lindheimer — I thought it likely to be S. obtusifolius. But in Hoffer's figure there are no leafy bracts. — here they are persistent

See if your spec. are bracted — and whether this is not the case with S. maculatus. Which is nearer. What is the difference between them. The fruit here figured is a pod you sent me. (S. obtusifol?)

Pray help me about them.

As to Blepharis, in order to name the sp. I have figured. I am obliged

to study considerably. I have fallen upon a recent attempt of Lindley's to set them right (the Vienna set), accompanied with some fancy remarks, as usual. He has evidently made more blunders than he has corrected, — though he had the means of clearing things up, if he would take the pains. I wish to review those of the Flora, and correct Lindley's blunders and some of our wrong views, now that I have access to all the figures in Magazines, &c. — I will do it in account of Santa Fe plants etc. I soon go at, — in which there are 2 sp. Clematis, and an Atragene very like A. alpina, indeed.

I shall have no room for it in General. — Say you therefore get rid of, and forward to me your Amer. Spec. of Clematis in herb. — I cannot use a larger piece of paper, for fear of double postage.

Yours ever
A Gray

Hard work. Slow here.

GRAY CORRESPONDENCE
HARVARD UNIVERSITY

TORREY 186
HERBARIUM.

Monr.
Monday Morning 1845.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Dear Dr.

I shall hope to be
for you — but I suppose you
in hurry with the concluding
part of your course —

I have let and your copy
of the Manual, which I had
long had, for a week past
for the publishers to have
time to copy it — and
also to find other
things — I
must not wait longer —
Please send from a copy
in Meeks, Also will have
to make a notice for the N.
Amer. — The copy of

Proceedings Am. Acad
please distribute by P.O.
or anything you please —
I am not at work
at home — and suffering
a little with a cold
also —

Yours ever
A. Gray

JOHNEY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

W. Emery

7th March 1878

Dear Doctor

Hard work alone prevents my writing to you —

I want reply from Grant to questions asked in enclosed slip.

I told you Hendley's specimens are truly fine. — so far as I have seen. — the sets will soon be here — must be distributed to give him cash to live on — Meanwhile he has offered to go back — stay 2 years — & collect largely, if we can get for him an outfit.

Do you know any one who will advance — to get his pay in plants 1st instalment next winter. — We want 4 or 5 hundred

Mr. L. has promptly offered $200.

Back he must go.

I want to hear from you very soon about Streptanthus.

Yours ever.

A. Gray

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Cambridge March 10, 1848.

TORREY 64
HERBARIUM.

Dear Friend

I have yours of the 6th which crossed a note or some scraps from me under an envelope.

Thanks for the information about the Plantaginis.

It is not too late for the Blennates. I merely put a brief note at the foot of the genus in Gen. Ill. but want to straighten out the whole matter when I prepare the account of the Fedder Plants (in which there are 2 or 3 species) so I shall be glad to have them.

Moreover in 10 days or so I shall have to study Elatine with you at the same time therefore send the Monogr. in Act. Acad. Nat. Cur. which you once spoke of.

Fremont's Plan is to be governor of California. Walton has been quite active certainly. I have however seen none of his notices yet.

As to the Review, the North American is preoccupied as Mr. Emerson is to have a short article on it

in April No. — that probably, but it will prevent
then accepting another on the same book. —
But there are some N. Y. Magazines & Reviews that
ought to be glad of it, and pay well for it.
Nutt has been here, seen Mr. Lowell — is to
go to-morrow home. — I have not seen him.
I have heard nothing of Young's plan. —
He is a zealous, but crazy fellow.
Aristotelia is — have good classical authority
as Tetrandria. Octandria — is — but there
is an overwhelming tendency to disregard it.
I am making up my final bag (through Amer.
Minister) & despatch the bag — into which I have found my way
way) for steamer. — Keating's Correspondence and
distribution of Proceedings — large and serious —
I write to Botte, Buchanan, Hooker also —

Pray say to Mrs. Gray, with my love, that
I did duly receive her very kind and sympathising
letter, and thought I had already thanked her for
it. With so many distracting, urgent cares she
must excuse me. I would write her now, but
cannot inclose under the same cover to you, without
going against the law. — will write soon. Yours ever
A. Gray

BOTANICAL CONSERVATORY
HERBARIUM
COLUMBIA UNIVERSITY.

Friday Eve

Dear Doctor

Nuttall came up to the Garden this afternoon, — just as I was going to town. — Stayed half an hour — seemed wonderfully pleased and tickled. — What is more — he offered to subscribe $100 in advance to send Hendlar back to Santa Fe.! (He had seen my specimens at Mr. Lowell's) — What do you think of that for Nuttall in his old age.!! Isn't it best all? He is to leave an order in Boston, at Philadelphia, payable in May. I hope he won't forget it.

TORREY BOTANICAL CLUB CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

A. G.

TORREY BOTANICAL CLUB HERBARIUM COLUMBIA UNIVERSITY

TORREY HERBARIUM 54

(1849) Nov. 29th 1849

Thursday Evening

My Dear Friend

Your parcel came to-day — Many thanks — After dinner I have just looked over the Mexican Compos. of Gray — which are numerous, and quite a bonne bouche to my old love of the dear passpose creatures revived at the sight, and I longed to take them by the beard. If at liberty to do so (am I?) I think I will, at the same time I do the Santa Feans, and at the same time will study any of Abbe's or Emory's Mex. or N. Spain Compositae you have not already disposed of. As to the parcel to be divided — of which there are no duplicates, whoever packed your parcel has taken care that there shall be pieces enough, if no specimens. They were in larger paper than the other bundles — not protected by binder's board, and therefore both ends, for 2 - 3 inches were nicely ~~folded up~~ bent up against the ends of the shorter bundle next them, — which was very pretty for the shape of the parcel, but death to many of the plants — for the fold came just below the heads in most cases —, too many of which were decapitated like the victims of the (last but two) French revolution.

I am sorry the parcels for Bentham were not here a while ago —, but they will go by the first steamer from Boston, under cover to Hooker — to whom I have things to send.

I have been going on with recitations for some time, ~~and to-day~~ twice a week (2 hours) — and to-day I began my lectures to the whole Junior class — on Geographical Botany for the present. —

What with these duties, superintending Gardener — & painting & papering in the house — & Wrapping drawing for 2d Vol. of Genera — & I printing the first — with the printer ever on my heels for copy. — & at the same time printing Memoirs — & Proceedings of the Academy. — & managing large correspondence — you may conceive that my hands are full.

Yours most cordially

A. Gray

Wednesday

My Dear Dr.

I got yours of Monday yesterday afternoon. I have one or two (old) Hottonias from Countess Cath. but not the plant you send. This, by its 20 stam. with file from long filaments & few? ovules, would appear to be a good genus, — but it is pretty close to Hottonia, of which it has just the habit, and that fashion of crowding its leaflets is carried to a maximum. I thank you heartily for the bit of it.

I have Zinnia linearis, Benth. Pl. Hartw. — It is not the same as yours.

Lickerman told me some time ago that he had sent you a bound copy of his Lichens — thru W. W. as I understand — and he seems grieved that you do not write to him.

Thank you, for your kind invitation. I hope to accomplish the visit. I don't see why my hurry and want of time should make your letters shorter. In time I hope to be less pressed.

TORREY BOTANICAL CLUB HERBARIUM COLUMBIA UNIVERSITY

Yours cordially

A Gray

Can you spare Mr. Griffin
permitting?

Yours very
Truly
Marcia Farr
Mary Farr

P.S. You have my Decaisne Muscadelle in yr.
have you not?

P.S. I had forgotten about the California Sarracenia.
Does it prove a genuine Sarracenia?

58a

Cambridge, Friday.

ISAAC ARNOLD CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

My Dear Friend.

In your letter received to-day is one point, which makes me reply right away - Surely I would never fail to answer at once a specific inquiry. Nor did I. The day after you came inclosing the specimens of the Ind. pl. Zinnia plant - as I was writing to Holton I answered several points in your letter in mine to him - knowing you would then see him every day - among them I remember distinctly saying that the plant in question was a Zinnia having all the characters of one - except the rays not (yet) chartaceous. Surely Holton must have ~~[illegible]~~ to you the various answers my letter contained to your queries. - Afterwards if I remember rightly, I inclosed the specimens in the very same letter. Strangle I am not sure but I enclosed in a later letter directed to yourself. I supposed you wanted the information directly for immediate use - I therefore gave it at once. Ask Holton.

Glad to hear of Fremont. He will do something now he is no longer a fighting-man

would take a set of Gambell's plants. —

Most Hastings pages are raised now. —

Have Sheppard sent you a bound copy of his lichens? If not I can give you a copy with title-page &c. in sheets as I took (about) 30 Rio from J. —

It is not been so very cold here. —

I believe it is contemplated that I am to marry (so fervent) on the 4th of May, if Miss A. can get her affairs properly taken care of by that time, and get her own affairs ready. But as the house in town must be closed, and the family will — I fear — be away, & Beverly for the summer, it cannot be anything of a wedding. —

Which I like the better, on the whole, for, hurried as I am now, I can hardly find time to devote more than an hour to the business.

To-day I put some plants in the new cases of my new study, which when you see them you will pronounce them nice. I am certain.

Good-night. Love to all. Yours ever

A. Gray.

Cambridge May 9th 88

Here is a copy, probably, of letter from the Torrey set. the original from Mrs. Gray after Dr. Gray's death on account of the reference to his marriage.

E. L. Britton.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Cambridge April 27. 1848.

TORREY 69.
HERBARIUM

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

My Dear Doctor

I ought to have replied before to yr. letter of the 12th April.

I do not know the Calif. Shrub. "Rosac." of which you inclose a fragment. In foliage it looks like some of the little-leaved Rhamnaceæ, but I think I saw a little fruit of two follicles. Is it Spiraceous?

Mr. Greene, Secy. of the A. B. F. M. has placed in my hands a box of plants collected by Mr. Spalding, a pretty large no. of specimens — but crammed together with little paper — but I have extricated them pretty well. I am to help myself to a set — name, and sell the rest for the benefit of the mission. I shall presently pick out a full set for myself (as I distribute) — putting in nearly the materials for another for Gray and send on to him, for him to compare & put on his determinations, as made on a set of same sent to Washington first. At the same time if I know what ones you need & did not get good pickings of from the Washingt. set, I would throw in for you — I mean to sell them for $7. or $8. pr. hundred. You shall have your pick of what you need for $8. pr. hd. which not only will aid the cause, but by turning those handsomely to account, I shall encourage Spalding to collect more and better, — and also

induce the Secretary to instruct others to collect.

My General will be at the bird's head tomorrow, — some copies at least. I shall send you a copy to Holton's care.

I will take up your Regia Compositae along with Kotschy's — & the Mexican one soon —

In great haste

Yours affectionately

A. Gray

Dr. M. Gen. 6

FORMER CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

TORREY 95.
HERBARIUM

TORREY BOTANICAL CLUB
HERBARIUM
COLUMBIA UNIVERSITY

Cambridge. Monday May 7/83

My dear friend I might long before to have answered your kind letter of the 12th, for which I cordially thank you. The constant pressure on my time and unexpected engagements alone have operated so.

My first now is to say that not long since I received a letter from Gillman, on his return from Washington to Columbus, urging me to take up the Exp. Exped. Plants that are still left. To which I returned a very encouraging answer. Yesterday I received another, which is still unanswered, and on Friday evening Latham Wilkes came to see me on the subject. — I have offered at the request of the Curators a written expression of this wish to the effect, to go on to Washington to see the collections and make a report, a proposition on the point of the wished me to superintend the general arrangement and plan of the whole botanical publication, — and also to elaborate the rest of the plants as much as I prefer or can put out to other hands.

I tell him that if I do it I must be well enough paid to enable me to take a Curator to do the mechanical & half mechanical work that encumbers me — and to relinquish a part of my present a tutor or to another professor in college work, — in which of course I shall have

to relinquish some salary. And that any proposition I may make will include the expenses of a voyage to London & Paris and a residence for at least 6 months abroad. In that way, by the aid I might secure from Dotters Herbm. and Benthams general knowledge — I should also look to questions elaborate families or floras, besides those you are now engaged in. Wilkes talks very fairly & literally but vaguely. Will you let me know if one can take the whole remaining work in the lump, what I ought to ask for the job. For I should prefer it in that form, it without any I will not engage in it.

Thus is made very satisfactory all round. — Henry wrote me last week asking me to prepare me of the Reports for the South mission & I should be glad to do it (aided by Spraguer) but shall support a somewhat different plan for some days and more time. Before Wilkes proposals had made up my mind that I must have a curator. I cannot do the needful mechanical labor which my collections and undertakings require. The proposals of Henry & Wilkes come therefore to afford me the means of doing this, perhaps

When you come on here at the close of June you shall look over Mighton & Fagan plants, and see and take what you want.

If you have received my parcel, pray tell me what you think of the Genera.

You have not as yet spoken of it.

Thanks for the print of Borchemia &c.—

I am delighted to hear such tidings, good news of Hastings, and will write to him, when circumstances give me an opportunity. Perhaps I shall see him next week, for I must pass some time at Albany on my ways to N. (if I go), to settle up a long and very intricate account.

I have ~~Gambell's Rep~~ Mitchell on Gambell's plants.— & Mirlizans Report on addend to Walker reached me from Washington. So you need not send to him.— I have several extras of the supplement also.

I know nothing of the Linnea— A Linnea from Oregon—(if distinct species) should be called L. occidentalis.

Treat's companion, Morcom is here with Agassiz.— but he has not yet appeared.

Regina Compositae soon.—

I must run to lecture & so break off—

in haste.

We hear nothing of Mrs. Torrey's letter, which she was writing on the 12th.—

Jane sends her best thanks & love, and hopes you will call her nothing else than Jane. She perfectly reciprocates all your affectionate kindness to her and to Torrey

most affectionately

A. Gray

Cambridge 8th May 1848.

TORREY MEMORIAL

TORREY CORRESPONDENCE
BOTANICAL
COLLECTIONS
CONSERVATORY

My Dear Doctor

Yesterday I sent to Grant at Wiley's for you a parcel containing some Linnaeas, received from Hamburgh — your copy of Seubert on Platina, and a bound copy of the Genera Flora Am. Bor. Orientalis Illustrata which I ask you to accept, and which I trust you will like. There is also a specimen enclosed of some vegetable product that has lately become somewhat common here, and which I thought you might like to examine. It is apparently of a rather complicated structure, in fruit evidently, but syncarpous; the heterogenous and baccate or fleshy ovaries being imbedded without apparent order in a farinaceous receptacle. If you should be at all puzzled with it, and cant find out to what particular family it belongs, you might call in the aid of Mrs. Torrey and the girls, to aid in the investigation. I dare say you will make it out.

Your things for Bentham want to start by last steamer.

I want real ripe fruit (with sound seeds) of Berchemia, and of Sagerctia. Can you give, or lend them, and send in letter.

I want fruit also of Stewartia (part approx.) and of Gordonia pubescens. (I have G. lasianthus & S. Virginica) Will you peep in your herbarium and let me know if you can supply them; else I must send to the South for them.

Lane and myself are very comfortably and easily settled here already, and have already the pleasure of entertaining our first guest, in "Aunt Mary" the sister of your old friend, the late Mr. Peirce, who is spending a day or two here before going back to Litchfield. — I have just got a large box of Texan specimens from Wright. I try to dispose of some for his benefit. Does Mr. Field want such things, or is his mind now occupied with law. —

I remain
Ever Yours faithfully
A. Gray

Is Henry at Princeton or Washington now?

Love to Mrs. P. and the children

A.G.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Prof. L. Forney
Princeton
New Jersey

Not part Personal

June 1848

Cambridge. Tuesday Morning

My Dear Doctor

FAMILY CORRESPONDENCE HERBARIUM COLUMBIA UNIVERSITY

I am just home this morning — and as I had no time yesterday to reply to your kind letter of Saturday, I write at once now.

First, let me say that your more confident expected one little visit of 4 hours than I meant my letter from W. should have warranted. For I could hardly expect that time or that James strength would have admitted of our leaving W. on Friday night, and riding all night. That every one were at the White House — to see Madam Polk. — We have accomplished a great deal of sight-seeing and all in our week & a day. — and Lane has enjoyed it much, except the drawback of not seeing Mrs J. & the girls & yourself at home which she greatly wished. They are there so provokingly disappointed in New York too. — Your letter sent up to our room Sunday morning told us that Mrs J. was to return to Princeton on Saturday afternoon. But the next morning Sutton called & told us she was still at Mr. Roberts, but too unwell to be thought to come down to call on us. So

we went up, as soon as we could to see her — found that she had gone out — On our way down we stopped at the New College thinking we might find or hear of her. — We saw dear Herbert and he told us that his mother had just left. After dinner we found from Hastings that she had been down to see him when he was out — in view of finding us. Pray tell her that we did our best — with our limited time, and hope for better luck next time —

Now as to Exft. Expd. We will talk it over in full when you come on here toward the end of this month.

Suffice it to say — (as I am pressed for time) that I had made up my mind what I would do it for before I left home — that on looking over the collection, as to various parts of it — as far as time allowed I found it less ample than I supposed, but with many difficulties owing to specimens in fruit only, or flower only. — I think it no very awful job, if done in the way I propose which is, not by Newspapers by people

abroad (which the Committee will not agree to) - but by working up a part abroad in Ferns or Butterflies - or Garden & Plants herbaria -

The Chairman of the Committee & Wilkes behaved very well, and told me they were very desirous I should take it up. -

On Friday evening Wilkes came in, before we went to the Presidents - asked me to say what I would do. - I told him at once what I would do - (just what I had told Jane before we left Cambridge) - & Wilkes at once accepted them, as I supposed he would. - My terms were based on the supposition that there is 5 years work in preparing the collections left on hand for the press & in superintending them in printing. - that is, at the rate in which the Expl. Exped. people - the best of them - work. They get $120 per month. - I ask that, viz. $720 plus $300 for passage to and from London or Paris. - & agree to do it up in 3 years or nearly from Jany. 1. 1849, except there is printing of a vol. or so in the meanwhile. - My drawings to be made by Sprague. &

he to be paid as Drayton & I agree.

I to pay for my own help, — whatever I choose to employ — by putting out families. — For that I have to rely principally on you & Lindley, — in taking families w[illegible] — for which I will pay pro rata. Perhaps Lichtenstein may be induced to do a little — But I fear he has done the Lichens sufficiently. — You shall take as many families as you choose — the Orpharcae course (which are few) I will swap those against the Rhyn & Balls, Compositae, if you choose.

We must settle together the typographical forms of the work, etc. when you come, and we will make the other untas conform to the plan we agree on, which perhaps you have already fixed.

Now I want a careful & active curator. What young botanist can I get? Holton would be just the fellow, but for one thing that is his temper, which would render it impossible for us to work in the same room. So he grumbled with Holton in speaking of this. I would gladly have him, but cannot have him as a curator any more.

Lane sends her love (not "regards")

Yours ever
A. Gray

Send back the Balls & Saniculas letter.

I've an part to mention in my next.

Hamilton Co. 28th June 1868.

TORREY 72 HERBARIUM

TORREY BOTANICAL CLUB HERBARIUM COLUMBIA UNIVERSITY

My Dear Doctor,

I am a little concerned at not hearing from you for so long a time; but we are hoping you will soon be on the wing to visit us. Lane (who is now at Bonsall with Papa — who is laid up with a sprained ankle) insists upon my writing at once to you to say how glad & gratified he would be if Mrs. T. and any or all the girls would come with you, and Herbert. Come soon, for we must make a visit to Sanquoit at the middle of July. I get tired of so much writing as I have to do; but when I see you I can talk over many matters —

I have a letter from Buckham. He mentions the receipt of the parcels of Mexican plants you sent through me. Did you write him about them. If not pray do. I have a good personal chance to send to him July 12th.

(He says "Hasting has just returned. — he has about 400 species of California Plants — very good specimens — & many new things — 2 new sp. of Linanthes & a curious Rosaceous shrub were what struck me as a very hasty glance. You are set down for 2 sets. — [one for S. T. Carey]

Brett professes himself greatly pleased with the Genera, and the dedication.

As to what Darlington writes, I should be very much

gratified if you would take pen in hand, even for a short notice of Dana. If you say you will not I must ask Dana to notice it as he likes. I would have asked you before, but I know you dislike to do such things. I should like to have it noticed by some one who knows what it is about, and can appreciate its good points.

I am at work at Santa Fe Collection. Rocky but firm, but not much done yet. I hope to clear up some things as I go on.

I have written to Wright, who is now nearly ~~stay~~ stationed in Texas — to come on the cars for me for a while, attend Scientific lectures too, if he will — and perhaps I may send him to Santa Fe. He is Connecticut born & from Yale College. I hope a good deal you say that it will be well to help a little. I shall not be able to do much for him at present.

It is late. Give to all. Yours faithfully

Asa Gray

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

CAMBRIDGE
MAS
20

V

Prof. John Torrey
Princeton
New Jersey

YORKLY CORRESPONDENCE
HERBARIUM
YALE UNIVERSITY.

Cambridge August 2d (Wednesday Eve) 1848

My Dear Doctor

I have just got your favor of Monday — and hasten to reply, ~~not~~ before I attack the heap of letters that lie before me —

First tell Hastings, that the boxes from Eudicott came to-day without those parcels which he promised to send down to Eudicott on Saturday. — Tell him he is bound now to send them to me in Wiley's. Now to Boston — free of expense —

Consequently I cannot collate the nos. of Linnæa (which were in said parcels) to see how far they fill my gaps. As to those ~~best~~ you, I shall grant to divide what came into 3 sets, & take one of the duplicates to me. Please send back the duplicates to you. — & send a revised list of your sets as you mention — I will send back to Schweinitz Desiderata in Linnæa. He prefers to him. —

I will very gladly write the testimonial for Miller. He was to give me the name of the person to whom the said testimonial is to be addressed.

Now as to the matter of Wiley's bill —

Now Wiley's book keeper has made out an acct. against you for $113.97. I know nothing about it. The item that I am concerned about is this — The account rendered to me is a charge

1842 March 3rd, 1842 1 box Instruments to Dr Torrey & Asa Gray — 78.95.

The charge, you see, connects your name with it, and, as I could recollect nothing about it, this

was one of the items which I sent on to New York to investigate. —

On referring to the day book, we found the charge just as above, no more, except the word "Surgical" (which may or may not be correct). The book keeper could not find the original invoices of that year.

Now you, through Hastings, must investigate it. That N. & P. all along that time were in the habit of putting small charges against you for parcels to be entered in your account, appears from an examination of the books — but none of them are of any consequence. May not the case have contained Chemical or Philosophical Instruments? In transacting my memory about those times I have (from Pixii) an indistinct idea of your importing a pair of mirrors not long before I came to Cambridge. Can this charge have anything to do with them?

This is all I had thrown out of my account & referred to you.

But there is also a charge of

"1844. Jan. 17. Cash to Dr. Forney ——— $20."

This I have let stand, only asking Hastings to enquire of you, if you had any recollection. I let it remain in my account because I fetched myself that it might ~~possibly~~ relate to my search for De Candolle Prod. — which I took in Paris, & was from a set you had of Pilny, N.P. & had then charged over as I thought to me. But, as I now have find the item I conclude that ~~you had paid for these & that you~~ this may have been

the pay for them turned over to you. —

I am glad to hear you have got so far as to find what that Amaranthacea has been called. — The drawing of Iresinaria nova is done — & to-morrow I am to see Sorsel — the new Swiss ~~Engraver to~~ Lithographer to get him to engrave it — while Sprague looks on to learn how.

I want one more plate to work on the stone with it. Shall Sprague undertake the new Portulaccaceae? We await Fremont & your advice as to what more you like to have done.

Sprague says if he stays here & works with me he must have a little house of his own. He will probably buy a patch of land near this & build a small house. — This will give me absolute control over him. He begins to enter in to my plans for work with some alacrity, for him. He is good bottom. —

Send me a copy of Emory's Report as soon as you get it.

I get from Washington a copy of Fremont's Report (Emory) but not the map. — which I trust I shall have, however. Greggia, Fallugia &c. —

Thanks for ~~Grayia~~ Greggia. I shall be glad of specimens to put that rough Argemone into A. grandiflora.

Jane — who would send much love if here has gone down to her Papa (to-day), whose foot is no better. — She remains till commencement (July 23) or nearly & in Sept. I think, late in that month, intends

BOTANICAL CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

to make (the last journey of the season) a visit to Litchfield. We are glad to hear letters of the prospect of a visit from Mrs. T. & the girls. Let us know when, that we may arrange her movements accordingly; for she would think much of such a visit.

They will find me very hard at work, I suppose — for I have more than my hand full; and no prospect of any curator till December.

I have kept to the last a sad, very sad piece of intelligence, which perhaps you may have got already from the papers. Poor Oakes destroyed himself by drowning in Boston Bay, on Monday! His body was recovered only last evening. I know as yet little of the details; & have not the heart to write about it. He was here to see Sprague a week ago, & Sprague said he appeared very much depressed — unusually desponding. I have heard no motives assigned. But, if Sprague is correct in his suspicion about his finances, he will probably lose the result of his labor to the amount of about $100. — and I about $75. — It makes me feel very sad to think of him.

Love to all. Affectionately Yours

A. Gray

CORRESPONDENCE
COLUMBIA UNIVERSITY

P.S. Sprague says you were to send notes or descr. of the Fremontia & the Pittolacaceous genus — Will you?

— I have found the missing plants of the four Fremontias that Sprague ~~began~~ began to draw, & left unfinished 2 years ago. — He is now finishing them.

COLLEGE UNIVERSITY.

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P.S. Friday Evening Aug. 1846

Dear Doctor

I have got in a puzzle over Malva & Malva-like Sidas. (~~Mr.~~ Sida Malvæflora &c. — Has this a "radicle superior" or Sida, or nor. I suppose you have gone over them in studying the Expl. Exped. Collection — (I have one new one, I think, No. 80 Fendler, — to which your 410 (1845) Fremont is also allied. That looks like Lindley's figure of ~~Malva~~ Sida malvæflora: but is very diff. from the plant of Bot. Reg. suppl. &c. — Indeed, I find all sorts of confusion about them. I see my way through the proper Nuttallias pretty well — But not through the rest. I should like

to harmonize with & adopt any new views you have formed. Will you then pre paid me (by Express) your amer. species of Malva, Sphaeralcea, & Sida Flora nos. 9, 10, 13, 14, 15, 17, & 19. If any of your improvements come in my way I will adopt them. If you have them not clear I will try my hand at them. — for I can't get an either through the Gressner, or the Texan collections without a deal of scrutiny & study. [Sphaeralcea rivularis T. mss.] Sida acuif. Nutt. & Torr.

I am glad to tell you — tho' I have not time for the particulars, that I have from information now received little doubt that the catastrophe of poor Oakes was an accident! and not suicide.

In haste Yours ever

A. Gray

LIBRARY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

I send by mail the last part of Proceedings Amer. Academy. —

If you get Cliff & Field to take Gray, please send me the cash, if you can. I want it to pay paper bills. — A.G.

Cambridge 16th April 1848

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

My Dear Doctor,

I'll try to be more particular in dates. But only to think of your keeping & filing away such a quantity of my scrappy letters. It actually frightens me.

Your parcel by express with your letter enclosed has just got here. I have run it over.

I hope you will find out what that "case of surgical instruments" means.

As to the Cash $20. I presume I gave the right explanation before — though you ~~did~~ do not exactly apprehend me. I find no item of Dr. Pond's, vol 1-b charged to me. I took a set which you imported, & the account was rectified between all three by charging over the amount to me as Cash to Dr. Gray $20. — So I concluded & still conclude that this settled all that, — and consequently that you do not owe me that $20 at all.

I want a copy of ~~Thomas's~~ Emory's Report, whenever you can get it.

Look over the enclosed sheet & you will find several memoranda & queries of mine —

I will now take up Malvaceae & hope to get clearer views of some of them.

Gambell has sent me the 4to — of Nuttall's paper on his plants — and solicits me to take a set of about 200, which he can spare. I tell him he may send them — and that, if you arrange to take them I will turn them over to you. — I suppose I shall get much substitute for a large portion of Nuttall's new sp. in his paper are marked as from his own collection. Perhaps there are other new things which Nuttall has not touched.

The Lathyrus 588. — (which I have put for setum in your figure table) is I suppose a L. palustris — the lower leaves of which frequently have almost no tendrils — You see it is a standing

Malva obtusa Torr. & Gray is a good species (not a var. of M. rotundifolia). — I have it dry & alive from Santa Fe, Fendler. — But it is M. borealis Wallm., ex Fries Herb. Fendler. — Koch — Babington — See the char. in Babington. Nuttia. — If you have not the other works. — Linnaeus confounded 2 species.

So had you done up the Family for Expl. Exped. and not found out that Sida malvæflora & its allies have ascending seed's radicle infra! — and moreover there is no reason for thinking that Lindley's plant is that of DC (Fl. Mex. Le.) at all. Malva fasciculata = M. Mauritiana I think: but will tell you certainly soon.

Judging from memory, you have not the real Malva

pedata in your Herb. I have it now from Texas — the seal.

Tuesday 22d (Evg) I have — as I could get time from overhauling Malvaceæ, & have now got nearly to the bottom of Malva & Sida, & should finish this now comes Commerson's. — Will you report further

CORRESPONDENCE HERBARIUM COLUMBIA UNIVERSITY

To-day I have a line from Austin — he had got the parcel of barices you sent by Mr. Lyman — he had and your letter. — He seemed pleased with them.

To-day I have a letter from Engelmann — he has a copy of Emory's Report (I wish I had one), He expresses sorrow that his notes on Cactaceæ were printed, for he is not satisfied with it. He adds "Neither do I like Torrey's figures, though they look pretty" — & proceeds to make some remarks on Hallier's Zwackia, especially Fouquieria — no great mischief. I will send you this letter — it is two sheets — if you care first & will remind me. W. like all his letters is chock full of botanical points. — He is sending me all the Thistle-worts — Compositæ — etc — for study & description —

I have at length a letter from Chaney in a more encouraging strain — his health much improved — he is back to Newport again. — promises a visit ere long — this brother rather better. — But I fear he will not last long.

I have heard nothing further from Wilkes. — He has been South — a few days ago, I saw by the papers that his wife (a sister of Prof. Renwick) died at Newport — suddenly, I suppose — She was quite well in June. —

As to poor Oakes, I will give you the particulars hereafter. I write with several here around the table — some distant friends for Commencement — and cannot now narrate the particulars. But I am still most inclined to the view of accident & not suicide. I cannot understand it at all on the latter view. And I think you will be of the same opinion in hearing the facts.

Without waiting to fill the sheet I send you the notes I have already made on Fremont's Plates — which please notice —

Sheppard has three of the unfinished Fremont drawings — he will soon finish them (& perhaps engrave them himself) on the stone — as a trial. He says he can do it.

Sorrel has engraved your Fremontia on stone, but has not yet got a place & chance to put up his press to work off proofs — he promises it in a few days.

Good night.

GRAY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Mr. Lomis's foot is little better. Jane came up to dinner yesterday — for this week, at least. She hopes Mrs. L. will keep her resolution & come on with Herbert — She sends much love —

Yours affectionately

A. Gray.

Cambridge. August 30. 1848

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

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My Dear Doctor

I've (now returned) brought up your letter of the 24th this evening. — Yours of the 23rd — containing the $12 — (thanks first) arrived safely. I will note a few items from that first. —

I can't promise to examine your set of Mexican plants. I should like to see the Malvaceae — upon which I have been now so long at work. — But in the long notes I am making in Pl. Fendl. I do not touch the species of Lida (except to complete the gener. character) & castigate all sorts of things out of it) nor Abutilon. But when I take up Schauenheim & Wright's Texan Cels. I shall be obliged to investigate the species of these genera which I see is no easy job. I shall try to characterize all the spec. of Malvastrum, — a genus which you may find in N. Amer. I think I have gone too far in establishing, but which leaves both Malva & Lida much better off. When my notes are finally completed on this family I must try to send them to you for inspection & comment. Engelmann is not going to do specific plants at all — except Cacti & his other pets as they fall in his way — On the contrary he is sending me a part of theirs for me — as well as his set of Mistletoes for my use — Describe generally any thing you choose out of them. Probably I should go through no family clean except Compositae. —

I have (last night) a set of Coulter's Mexican plants — unnamed.

Many nice things are flowering in the garden. Euploca, Lepachys pedunculatus, Lindheimera, Barnettia — & Malva (Callirhoe) pedata — which I think you do not well understand, is in bud.

Root of Fumaria was promised me before this, but has not come.

Testimonial for Hilton was sent last week —
I told you I had found the Spec. of Fremont 2d Expd.
Plants — Rattlesn. &c — Sprague has them.

Letter from Saml. Lasègue — he is better
John will soon come there — I think I shall
detain him all winter — Sparley wants help. —

Hook & Arn. Bot Beech. suppose — say the same as to Malva Alcea
but it is clearly diff. Compare the spec. I pluck & enclose
with M. vitifolia from your yard. Besides fruit & that peduncles the
corolla is only 1/4 the size.

I add fragm. of a Texas Shrub which I am hoping for the
Geneva — (Lindheimer & Wright) — now in flower — 7 feet high —
Do you know it. Dr Descr. it comes nearest A. Fremontiana
& Hida fragrans. I add a very small leaf. —
It is not your A. Herbemontana — which I suspect may
prove A. Confertiflorum. A. Rich. H. B. Kunth. — The genus wants
overhauling with full materials — Sadly.

You say you noticed the radicle was inferior — in Hida
malvaeflora, &c. — My authority for supposing you did not
give below — from yours of July 31st. —

The leading char. for years has been dried to take from a point
you worked out well in all your Mem. — the double stamen. column
Lecanthe does not use the char. of Radicle superior — in
Hida —

Parsing char (which I dare not trust in Geranium now) Jussieu is
not in 89. your G. Fremontii. — I have given it as G. Pentaphyllum,
var. Engelmann's real G. Pentaphyllum is just your G. Fremontii.

I will put in the Dalea under your name — but it is too near
to D. alba — except in the dwarf & depressed habit. —

By all means make a memoir of Asa Gray & Wp — for Harper — & he will pay for the drawings as well as the text — But Fremontia there is your like —

If you give Bates to us we will give you a plate.

But as it is a complex structure, write out the text of your article with full descr. & send it when you send your spec. & sketches for Sprague — it will be so much easier then to make a proper drawing of the analyses you need.

Gray will be coming soon I trust, & Riley frequently has parcel for me, so put what you have by me in Grant's hand. —

Jane is away, with her Father — who has a sad time. She was ready to come up at once if Mrs. G. came — I shall tell her that her visit is postponed till Oct. — which is all the better, as the will then be settled, I trust, and Oct. do the honors all the better. I hope you will come too. — & Hatch certainly — & one of the girls.

— Riley's book-keeper says that he finds a credit of $78.95. in July 1842 — which he concludes was to match the "Surgical Instruments" — being paid, if was off my mind, & now I can recal nothing of it, if it was not your mirrors — however that may be, you are clear from it. He notifies me that he will draw on me for the amount of my bill — account as now made up. — on Monday next. — which I must meet, & thereafter keep only cash accounts & settle every 6 months. —

I am now very hard pressed for money —

I have to pay Monday. Riley —	$ 135.
Paper bill for Geiger order —	120.
and at the end of Sept. Printer —	210.

while other bills will nearly absorb my quarter's salary. —

& I have to advance to Sprague — & to pay interest on a note of $400 I gave last winter, on Geiger's account & my own. — Also I owe Endicott in New York $ 100 — which should have been paid 6 months ago. — I had hoped for an instalment from Expl. Exped. in November — But now I suppose I shall

I will buy you good
specimens of the Antilope
& the Mafra Wheals
etc.—

UNIVERSITY OF CALIFORNIA, BERKELEY
BANCROFT LIBRARY

TORREY BOTANICAL CLUB HERBARIUM

Cambridge. Sept. 6. 1848

My Dear Friend

Yours of Sept. 4th reached me this morning — & I thank you heartily for the remittance, which came in capital time. Do not fret yourself out in the least to send me any more until the 23d October, when some bills become due. Perhaps I could keep them back until 1st November —

To keep the account simple, I endorse the sum you send $100 on one of your notes as paid direct by you to me. When you want to pay Sprague for work done for Smithsonian you can replace it to him & thus settle your account with Harry.

Agassiz is now back, says I shall soon have a proof from Sorrel. — Sprague will now finish the rest of the plates for Geanera vol. 2. & in the mean while try his hand at engraving to see if he can do it well, if not employ Sorrel, & take up your dozen plates & do them right off. — They will be Geraniaceae, Bates. Portulacaceae — Amaranthaceae — what else —

Meanwhile, write your text if you can, & let Sprague have it to aid him. If the plants do not accord he will be sure to find it out as he works. —

No doubt you are right about the 78.95 —
I have paid Wiley's account & all is square now.

The Fremont Malv. no. 428. 1846. — I applied a brief character to, in a note, as "Malvastrum Fremontii. Torr." ined. which will save it

Sclerotinia's come: but I am sure they will not grow, for there are no tubers, — only the base of the stalks a fine leaves. fruits. &c —

I shall be right glad of Amorpha —

I want to draw Geraicum aiguste folium. Engler but my Tex. Specimen, is only in young fruit. — Neither flowers nor ripe seed. Have you both or either from New Mexico — that I can use — one or two of each would do — in a letter. perfectly.

Have you any flowers or fruit of Castela Nicholsonii? or must I send to Hooker for them.

On my return from the P. O. this morning what should I find here but Hooker — just from Vermont. I have talked with him this afternoon in the Garden — & filled his presses full! He returns to Newport at the end of the week.

Jane is with me, has been since Saturday — and remain, except that she has to see about getting her fathers house ready in Boston — Bert wishes to be to the family, we hope Mrs. J. & the girls will come yet. Jane send much love. — Yours affectionately Asa Gray.

HARVARD UNIVERSITY

Professor John Torrey

Princeton

New Jersey

NEW YORK BOTANICAL GARDEN

Santa Fe, N. M. 2 Sept. 1846

HERBARIUM COLUMBIA UNIVERSITY

Dear Dr.

Letter came from you soon after I despatched on this morning to you. — Thanks for your parcel came just now. — That is it, isn't! I have got some fragments of it in Butters & the Mexican collr. from Sonora alta. — I was wondering what family it could be.

188. Hendl. = Spiræa dumosa, Nutt. which Hook. has taken up as a species in Fl. Bor. Am. & with good reason I should think. — No doubt it is your S. discolor in Am. Lyc. But is it really Pursh's — who has no S. aciculia — & says "folis ovatis obtusis" — while there are obovatis cuneiformibus, indivisis. I remember that you have a leaf from Pursh's specimen — & would ask you to compare & see if this may not be a more downy var. of true aciculia. — Like the spec. from Calif. Douglas, which is S. aciculia — & not the other. — I add a fragment of Pl. Lend. The panicle is small & contracted.

460. 1846. Hoem. = Pursh. 3-dentata

Nuttn. " Adenotoma

No. 198. Fendler. Will you compare it with P. affinis, Dougl. It apparently does not agree with any of the forms. The stem is nearly naked, the ext. calyx-segments pretty large — H.

" 199. Ditto — Compare it with P. Pennsylv. var. Mugosa. I suspect this is new. —

What is the P. gossypina, Nutt. — which Hook. in Fl. Bor. takes up as a species.

TORREY BOTANICAL CLUB COLUMBIA UNIVERSITY

N 203. Fendl. = Potentilla rivalis, Nutt. ex Descs.
Have you got the Fendl. plant?

Fremont. 239, 1846. = Ranunculus cymosus.
" 464. " Anemonopsis laurifolia var. S.
" Q00. 1846. Osmanis idiophyllus. What a great print
" 185, 1845. Is it Cratægus viridis?
" 370. 1846. Prunella — apparently only one style.
It is something quite new to me —
I do not examine its structure; but same as
" 158, 1845. — ~~which~~ in fruit only; looks like a Cotoneaster.
You had best examine these, and see if they
are not worthy of illustration —
504 1846. Photinia arbutifolia
~~494~~ " Calyx, recall,

A

Before I begin my notes on the Ranunculaceæ, let me ask you to lend me the portions from your herbarium, which comprises the subsection Anopa. I have run through them, & I think of putting them in order so that we may know them. But I have no authenticated specimens to begin with. Especially do I want to know whether R. pennatifida, (or any of them) has the slender capsule, 2 inches long, of Fendler no. 223.

compare. I want the name you will give to it, to name Spalding sets. — (A. lanus?)

I lay them aside to return to you —

With this last in Spaldings Coll. is one without fruit — perhaps a var of A. Drummondii, but less hairy & shorter calyx-teeth, canescent varying. But calyx-teeth too short & leaflets too obtuse to agree with the character of A. racemosus. — Will you compare with A. racemosus & let me know which it should be.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Fremn. 153. 1846 = Thermopsis macrophylla.

Saturday — 16, Sept.

Dear Doctor

Thanks for yours, which came on Thursday. You must have seen Holton soon after you despatched it.

I send this at once. — I think I can answer nearly all your questions without going to the Library. — will do so on Monday — cant well get in to-day.

Of Jacq. Pl. Aner. Pict. I know nothing.

Jacq. Stirp. Aner. Hist. I have. You have seen it, and the descr. & rude figure of Bates it contains. I can send it to you if you want it! a folio vol.

Stoane & P. Browne are both in College Library. I will copy all you want from them — & send the vols. at you can for them, to you.

Martius' Conspectus. you have — a pamphlet. — there is no reason to think he knows aught of Bates from study of it.

Meisner is in Library. I presume he gives no reason for placing it where he does — His tabular system seldom admits of explanations.

I suppose I have not the Texan plant in question — Martius under "Cohas 7. Diplocarpae Sorauthia", has

Ordo 70. Batideæ

Batis maritima, Mexfenchel. Cib. Barilla Americana."
That is absolutely all.

You are right about Empetrum, — to my great mortification. I examined it critically, I thought, & was sure — 2 years ago. — But now it is plainly as you say! —

I should like to see the Ammannia — of which I know nothing.

I found last evening, a bit of the Guaicum in the Grey plants you sent me, — Look among the Mimosæ!

Have you, from Cuba or any one, a Monthly true Mimosa, with 1-jugate (rarely 2-) pinnæ & 4-5-jugate little leaflets, — = Hook, no. 181. — From the Canaveral — as far north as lat. 37° — new species. —

I wonder that I do not get my set of Hartweg's Coll. Calif.

Engelmann mentioned about Sagittaria pusilla. I have not the materials to know if he is right — which is very likely.

Love to all. Yours affectionately

A. Gray

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

152 & 153. Fendl. (single specimen only) both are productiveati, & I think the same. How do the fragm. I send compare with A. mollissimus, Torr?

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

76.

From coll.
140 & 208. 1845. Astragalus — I should like to have your names for these. according to good herbarium
159 Fendl. is it any Astrag. or Phaca you know?
Have you 159 Fendl. I suppose it is meant for Phaca elegans & Hook.
No.

Kk. 1846 = Phaca Douglasii. Does it not?
106. 1845 P. asphyxia
473. 1846 Lupinus Menzesii, Lap. not
242. " L. gracilis.
262. 1846 L. ornatus.
Glued duplicate of 2d Exped. 172. 1844. = L. albifrons. I think.
Hk. 1846 cf. L. variicolor.
"Ll. 1845" [but not 1846.] L. affinis?

I have in Hk. Lupin. a Whitney specimen that Lupine which I think is L. decumbens. Yes. Upon are sending, add the specimen of your Hook. & you please, that I may see.

The 4 remaining Lupines of Fremont, I can't name with any confidence now. the specimens are so poor — But
225 } 1845. are same and new to my herb.
308 }
413 " they to L. laxiflorus.

Sept. 15.

I have determined Fendl. no. 149 to be A. Missouriensis, Nutt. (a Melanocarpus, Hook.!)

But now I want to know about 148.

It might be A. Shortianus – but the flowers are deep blue. – I should like much to see a spec. of Nuttall's A. asphyllus, to make all sure.

Now for your 3 Expl. Exped. Specimens. –

Astr. 1014. = A. lentiginosus, Dougl. of which, fortunately, I have a Hookerian legume only. Hooker knew not the flowers, which now you can supply.

Astr. 543. is a new species, I doubt not. It is not in my herb. nor can I make it agree with any description. It is also abundant in Spaldings coll. & is what I suppose Carey has reported to you as "Oxytropis deflexa B. Sericea."

It is well distinguished by its staceous calyx-teeth, nearly as long as the corolla nearly & the woolly, lanceolate, like 2-celled legume. –

" 543 (a) is not diff^t, I suspect. Although the racemes elongate in fruit & the legume is deflexed. I think the Spalding specimens the, not in fruit will unite them. But you will

Fendl. no. 227. may be your R. canescens in 2d Herb.
but the pod is broadly ovate (not obovate). Certainly it is
an ally. Will you send me the specimen of
Hermann, or a fragment of it?

Wednesday -

Dear Doctor.

I delay taking up time for Astragali till
I get a reply to some further queries with which I
troubled you. I think I asked you to send A. glaucus,
that I may make sure of it.

I like your plan for the lettering of Fremontia.
I think that the slightly shaded drawings
give a better effect than the elaborately shaded
ones used — are more classical. — We will put
on more work when we have materials for it

2 plates of Bates?

Mr. Loring is better — comes up to town to-
morrow. — Jane like all womankind — has made
herself almost sick in getting his house ready.
She sends her love, and offers to copy out
any thing you want from Browne Lane. —
Please let about Bates. —

In haste
Yours ever
A. Gray

PORTER COLLECTION
HARVARD UNIVERSITY
HERBARIUM
HARVARD UNIVERSITY

TORREY 78. HERBARIUM

Cambridge. Saturday morning. — 23d Sept. 1868.

HERBARIUM COLUMBIA UNIVERSITY.

My dear friend —

Your favor of the 18th came this morning. I will note your memoranda duly. — You will see by my last (crossing yours) that Lane has anticipated your proposition to copy. — Lane will do it next week. — Mr Bates is in Boston to-day — her father moving up. — has made herself sick once. — but is really much better now. —

I have made less headway than I expected this week — owing to bad interruptions — Townsend & Nat Chester. Horticult. show & festival. — and a visit from Dr. Franklin's daughters, who came up from Quincy, where they have an uncle, — & have stayed 2 or 3 days: they return this afternoon. I send in this to mail in Boston by Joseph — to add a few other mosses for your parcel for me. — Since you are to send I may as well have all I need.

Well, after bothering 2 days over Bartramias (Mentzelias; of which I have B. ornata & mucronata (I think) in Fremont & one or two that bother me from St. Fe & Texas.) I must ask you to send me your materials in that genus — with mem. of any new conclusions you have

reached in Ex. Exped. coll.

I think Hooker (in Geyer's coll.) is wrong in uniting his B. caricaulis with B. ornata. But I am more troubled with the distinction between ornata & nuda. I have 2 forms or spec. besides B. ornata — one I cultivated from W. Texas last year.

This year I have another small-flowered one. With your material I think I can get at them better.

Thanks for your remembrance of Malva Lecanteri Buckl — which I had forgotten all about.

Right glad the Calif. Pl. is Schweinitzia. Sto see the embryo. It probably is entire. It must be drawn of ~~course~~ course.

We will look after Fraxinus.

I think the almost outline drawings look best — clean & nicer than much shaded. But we will finish up more detailed if you like. Re-engrave the Chrysobalanus new genus.

Adieu for the present

In haste thine

Love to all

A Gray

TORREY 77 HERBARIUM

Cambridge. Friday. 29. Sept 1865.

My Dear Doctor

Your parcel came yesterday morning (sent by Hastings thro. Munroe) and at the same hour came Carey — I opened the parcel last evening — & have laid away for examination — I find that the Mantzelias did not come. — I expect it next time. —

To-day Olney has been here all day. He & Carey making specimens all day — You may imagine how much work I have made out to do. — In the course of the afternoon, while they were in the midst. — Dr Pickering came in — said Drayton was to be here to-morrow (another day!) — Pickering brought your Vial of Botis and your letter of the 25th. — I am tired; & all talking around me. — So I will only say a word now. — which is — to answer your Mem. in slip about Mart. Crosb. —

Look back to my first letter after your queries addressed me on this point. — and you will find that I copied (only one line) all Martius, Crosb. has on the subject, — and appended "This is all!" So don't blow me up for negligence of your queries. —

HERBARIUM

I will throw in a character of your Kallistrenia grandiflora, if you will send the specimen. For without it, I cannot be sure that yours is the same as Boulters. —

I saw only one cell in the ovary of the Brunt.

Monday noon — [Oct. 2, 1848]

I got your last letter this morning. — will "note the contents" presently. But first a little matter — Fiend.

No 274, & 275, belongs to a new genus of Umbelliferae Tribe Coelosciadeae! If you have them there will be no fruit; it is only on my specimens. But please compare them with your species of Bupleurum. — & let me have fruit, in a letter, of B. glomeratus and montanum, and what else you have to spare.

But now on looking behind the Flora to Beaudette, I find that the original Bupleurum has monacious flowers, and that the wings are from secondary juga. Why in the world did you suppress this; and give me two-days work for nothing, and bacy two? I feel scoldy.

As it is I must ask you first to put in the Spalding species, if convenient, if not, never mind, and then send me your genus-cover of Bupleurum by Express! —

If Le Baudille is right in his character of the genus, then it belongs to Thaspia, & Pteryxia Suksd is a perfectly distinct genus. — If you are right, then the genus may hold together as in the Flora — but I have a new one of two species. — But I cannot but think that you have not hit the right interpretation of the fruit of Cymopterus §1. 3.

At the same time can you tell me anything of Fendl. no. 276. which has no fruit. —

P.S. And Carey adds, please see all your Amer. Peucedanums too!

I think we have made out the pot-ding species pretty well; but it would be well to compare notes & settle some Calif. specimens I have. —

NORMAN CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

"Culantro", Gregg. Monterey & Saltillo is Coriandrum sativum.

Dr. John Torrey
Princeton
New Jersey

MARLBORO
OCT 3
NO. MS.

V

HERBARIUM
COLUMBIA UNIVERSITY.

Monday Morg. 8th Oct.

HERBARIUM. 136

Dear Doctor

Carey says that if you are ready on anything, he will be obliged to you to add the spec. of Carex Drummondiana, which will be found in Pyllsphere — He wants to compare it with C. Buttiana, which I have. —

I copied all that P. Brown has to say — in my lecture — now the other day. Sloane has nothing you need. —

HERBARIUM
COLUMBIA UNIVERSITY.

Yours ever

A Gray

Carey sends his love —
He finds enough to do here

Mr. Lowell has purchased the botany herb. of the late Dr. Taylor. I had sent (too late) an order to buy them for Sullivant.

Hooker writes that he has sent to Mr. Bell of Newark Journals for us. — Will you have them bought.
He says "I heard from Bigelow & others of our friend Torrey having another appointment in view". What does it mean?
Elizabeth Hooker is badly sick.
I shall send a parcel to N.Y. very soon —
Love send her love to all —

Thine Aff.

Saturday Oct. 28. 1848.

80.

TORREY CORRESPONDENCE HERBARIUM COLUMBIA UNIVERSITY

Dear Doctor

I have overhauled Lycopsis & think you are quite right in referring the wings to primary yoga. though the appearances seem odd to me. I find L. montanus (which is Fendl. 275) with 5-winged mericarps in your spec. while in Fendl. they are 4 & 3. They are all one genus. Nuttall's Leptocaema is nothing for L. montanus has free carpophores very free. (I dare say they all have) & the wings being sometimes 5 in montanus breaks down all char. of Pterygia Nutt. But as to the incurved albumen, just look at the perfectly ripe fruit you will find in a glued specimen of Fendler's 2d Exped. which I found among undetermined Pencedanum. I have put in your lycopsis cover — & you will find the albumen perfectly semi-lunar. The tendency runs through the genus, I think.

Tuesday Morning Oct. 31. 1848.

TORREY CORRESPONDENCE HERBARIUM COLUMBIA UNIVERSITY

My Dear Friend

Casey goes this morning, and we are packing him up. We have had a nice time. He has worked a little, though, except Cactus, but has overhauled bundles — ticketed plants & taken specimens &c —

I send by him the contents of your presses, except, except the little part of Juglans incerta, in a snug parcel. There is also a set of Garden plants made this year, for you — but I have not yet found time to ticket them, and must also

have my blanks of "Hist. Contat. 184" replenished first.

I am now going at business.

Your favor of the 26 reached me Saturday evening. There is in my mind such an incongruity in a youngster like Hosford's recommending a man like you, who has a well-known chemist before he was a teacher, that really I have thought it best not to ask him, or speak of your being a candidate, unless the subject came up. I can't believe that his influence could be of any real use to you — and do not like him to have the opportunity, that being interested in the success of the pupil (Gibbs) he is not at liberty to urge the claims of the master.

I am so sorry that you did not apply earlier, when the mere indication of your willingness to take the place would have given it to you. The force of your claim is shown in the Committee being willing to waive their selection already made and go into it again — which is a great deal — but places you at disadvantage — for many of the Committee may feel themselves too far pledged to Gibbs for honorable change. And will not Gibbs feel that he is used very hardly? I hope, at any rate, he will understand that you knew not of his being selected when you became a candidate.

But I truly trust I shall see you will get

the place, now that you are in for it, it will work well along with the med. bill.

Pray let me know about it, and if I can do any thing to further the result

I hope you will approve my judgment in not applying direct to Hosford for a recommendation.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

The parcel at Munroe & Co. must be one from Bentham, containing some of ~~his plants~~ your plants returned, perhaps & some Wallichian Spanish newly distributed.* As Barey is full, I will have sent in first parcel to Wiley — to save freight out to Cambridge stack — or perhaps — if small, retain till I send.

Your letter, perhaps you are aware did not contain the enclosure spoken of, viz "$1. till Post Office stamps." — I will pay for the parcel standing on. —

Jane, I am sorry to say still keeps her chamber pretty much; and is likely to get well slowly, but I hope perfectly. She was obliged to write Eliza to delay her visit for 3 weeks — as she cannot bear that Eliza should find her an invalid. — In haste

Yours truly, A. Gray

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

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* I think so because I got a parcel of these grasses from Bentham through Munroe & Co. by the same steamer,

135.

Oct. 1848

Post Office, Monday Morng.

My Dear Doctor

I found your of the 5th Oct. at the P.O., and span mine to you, to introduce a word of thanks —

TORREY CORRECTIONS HERBARIUM COLUMBIA UNIVERSITY.

The Mentzelias have not come yet. — will soon be here, no doubt. —

As to the Saxifraga — write Bentham, among other things what cell it is in, and what you have called it — I will make a mention of it, in a note, under Saxifr. bronchialis — in Fendler — a proof of which I will have in ~~Fendler's hands~~ Benthams hands ere the prints. — The he wrote published. — B. is always a gentleman about such things. —

But why not figure the Rosaceous genus — tho, Bentham has partly anticipated, & got the name? —

I don't much like the name Hypericum limifolium for that sp. —

I have cooled off from my vexation after the two days work at Cryptotaenia — & cry you pardon for all my scolding. But I still believe that the Fendl. 275. has the secondaries only developed; and think I could show that your own drawing in the letter to me proves it. You may find the rudiments of the 2 lateral primaries on the commissure. That mass that pokes round the corner of the abortive one — (they are always lop-sided) is one of the 2 lateral secondaries, those on the back are the 2 dorsal secondaries, & the dorsal primary is between them. — I will go over it all again. In some specimens, the seed is involute but then the other is abortive or smaller — ~~[illegible]~~

N. not Elaeoptrace (which Bossier has figd. well — like your sketch) it is Thapsica, according to my notion — & see Candolles. — I will examine heedfully. You know so much more of these things than me that I feel no confidence against your views. But having arrived independently at that conclusion & then finding it so put by Candolle, I felt more sure than before. —

I have brought but for a moment, Fulton, who had been more, spoke very highly of him. I rejoice that he is such a man as you say. —

I have not seen any "singular Angelica-like plant with dwarf stem & large woolly leaves from Oregon. Expl. Expd." When did Lyman sent it to me? —

I will look over your figure table to see. — For, I have not yet taken up several things you sent me on

Thine truly

A Gray

UNIVERSITY.

Dr. L.

Dear Doctor

Engelmann has sent me a long note about Geranium — & as I now have an authentic specimen of G. pentagynum (Pl. Wislizenus) I now understand his species — in regard to which he had misled me by calling in Fendler's Cat. no. 90, G. pentagynum. — This plant is much nearer G. incisum, Hook. — is very distinct from your G. Fremontii — To make all sure, I want you to compare no. 89 Fendl. with your G. Fremontii (or send me a piece of it). I remember yours but have it not. — His it not peduncles much longer (3–4 times) than the pedicels. I presume your plant is same as no. 89. — But, do you know, I think it must be G. caespitosum, James. — Stigma, size & color of the flower agree well. And I want to restore that name, if you will allow. Else it must ever remain appended as a species dubia. —

If your G. Fremontii is a species with a more glandular pubescence on upper part of stem & calyx, with leaves truncate at the base, and with pedicels twice the length of the peduncle, then it is the same as no. 90 Pl. Fendl. (single specimen). Please let me know.

Dear Doctor [86] Monday Oct. 1844

Please look at the specimens in your Herb. of Heuchera Richardsonii. & see if the Plant of Mead Illinois really agrees with it. See how the stamens are ~~[illegible]~~ exserted as in Mead. Compare also the specimens I gave you of Heuchera hispida, from the Cambridge Garden. ~~and~~ with Mead's & see if they are not exactly the same.

H. Richardsonii should be a much smaller plant & smoother: otherwise it seems to come too close. — Mead's is surely H. hispida, Pursh.

No. 27. Mathey, Edwards & Eaton = Ranunculus Hartwegii. — The others of this set I have labelled on the specimens sent.

Tuesday

Now I have done up all the Ranunculuses, ~~inclu~~ & named those you sent. — I will return them by Cassy next week. —

I wrote before about 227. Fendler — which I fear you have not got, as it was in a few sets only. It agrees with your R. Canescens, except that the pod is broadly ovate not obovate. but as it may be another species of that section, I want some comparison. I send you a branchlet, and lend you my fruit. The petals ($\frac{2}{3}$ inch long) are mostly finely spotted with purple or pink, and I have as little doubt that it is R. guttulata, Sayer, except that Hooker says petals broadly obcordate, while these are obovate (rather than ovate) and entire.

Please send me word, if it is same as your plant; if not, please enable me to make the diagnosis.

Paronia Le Conte, then please ask Le Conte to send a a flower or two, as soon as possible; for we are waiting. I return you the spec. of fruit of "Malaenis cus Flor." you sent. It belongs to a Witriscus.'

Will you look in your herbm., for a ripe seed of Gordonia Lasianthus. Those sent me from Wilmington had a minute embryo. — probably abortive. I want to send off the drawing to the Engraver. —

Well, after looking at all the materials & the evidence, I am more than ever convinced that Mentzelia laricaulis is distinct from M. ornata. — Frem. 82, 1845 is M. nuda. — The base of the ovary is filiform-bracteate, however, — in almost all the forms. " 416 — M. pumila. —

Friday morning. —

Dear Doctor. —

This sheet has been long a filling, Mrs. Gray's illness & other interruptions the cause — for I have tired of your unanswered — the last 21."

I am to-day trying to revise my Percedamus, by the aid of your specimens — & to finish so as to send back to you by Saturday, when threatens to go on Monday. — We have not looked at them till now, and propose to do no more than is necessary to me. —

The Hypericum of Oregon you said before Pickering called H. linifolium. — now you say H. augustifolium. Either way

I would not hesitate to take my own name, if I was you — Carex Drummondiana came to Casey — he will bring back to you.

— I hope you will get the Chem. preparations nicely, I have marked on the spec. of Pt. Drummondii — that — I presume you are right. — But I have no spec. of Fragaria Indica to compare with.

Please ask LeConte to send right away a flower or two of Parnassia Leconteii.

I don't much like to have you put Halstead's name to a Heuchera — which others have gathered before though they have confounded it. — I'll see.

H. Pringlei, I supposed, was the soft & thin wooly-haired form of H. villosa, which Buckley got. & I have seen offten.

So much for the notes botanical — Now by Casey Cridett writes for the $100 I have long owed him; wants it between the 5th & the 10th — Nov. — I send him a draft on you payable on the 9th — which please accept if convenient.

Jane — who was taken quite sick the very afternoon she wrote last, — is I hope getting well, but I am not desirous she should get well fast, but slowly. She is still nearly confined to her dressing room. She is well as I, is pleased with Eliza's promise to make us a visit — we hope a real long one, — but will ask her to wait yet a week or two. — I am sorry she should not be here in time to enjoy this fine weather. But I think she won't mind a Boston Nov. & Dec. —

Love to all — Yours ever

A Gray

103 82
HER

Cambridge, 1h. Nov. 1848.

COMPLETE CORRESPONDENCE
HERBARIUM
OF HARVARD UNIVERSITY.

My Dear Friend

I forgot whether you owe me a letter or I you. I have had a cover addressed to you for a good while. I have begun printing Pl. Fendl. – no proofs yet – and have revised now my Malvæ for the last time – spending two whole days in examinations & copying. Among the rest, I conclude we must restore Callirhoe as a genus.

The specimen of Geranium Fremontii you was to send to ~~by~~ Buckman for me has not come yet. If not sent, see whether it has the long peduncle or no. – This will no doubt reach me before the printer gets to it. – I propose to print to ~~pad~~ the end of Compositæ (which I am now hard at work at) & then leave for a part 2nd. I trust to make it a creditable memoir – betes I have spared no pains with it. –

If you have a seed of Gnaphalia Lasianthus that contains an embryo, (as I write) it will be useful indeed to me. – Those sent me from Wilmington have none: nor have the pods of G. pulchescens that grew in Philadelphia.

(If you have paid my draft on

you in favor of Endicott, let me know & I will endorse it on note – at the given date.

Sprague's wife is failing fast, with consumption. So he can do little yet, – and has not got through with the drawings I require for 2d vol. of Genesa – So your things must wait a little.

It is very unfortunate for me that he insisted upon building his house – as I am surety to pay for it (all but 600, which Mr. Lowell is to advance on a mortgage) on Christmas day – which I meant to have done from the immediate net proceeds of Genesa vol. 2. – but which now, however, cannot be out, by a great sight. I have to raise $600 therefore, in a month, or little more – of which I know not yet where over $200 is to come.

As her Father's & the Doctors cannot decide Jane went into Boston on Saturday last, in a close carriage – from the side well. – has improved until yesterday, when she had a bad day – means to come back next week. – Hope Eliza will be here before Christmas – Cannot over-think the girl come too then.

FAMILY CORRESPONDENCE HORBACH COLUMBIA UNIVERSITY.

I have to-day a letter from Lehmann – says he is working at a Revisio Critica

Potentillaceum; and greatly wants specimens or the loan of the originals — of certain species he enumerates. I copy such of the list as I cannot furnish — & the others — & all new material I will send him in a box now soon to be despatched to Hamburgh — Those I cannot furnish are

If you do not care to risk these to Hamburgh. I will have drawings & analyses made of such as I cannot furnish myself & send them.

I have a sheet filling with ~~notes~~ names of Compositae of Fremont & Engelm. etc. — but will not send it until I have ~~done~~ done.

Have you a specimen of Florida Mahogany? Shall I figure it in Genera?

I remain very faithfully Yours

Any farther news of the chair of Chemistry in N.Y. Academy?

A Gray

[illegible] for me that we insisted
upon building this house -- as I am pretty to
pay for it (all but 600, which Mr. Lowell is to
advance on a mortgage) on Christmas day - which
I meant to have done from the immediate net proceeds
of Geneva vol. 2. - but which now, however,
cannot be out, by a great sight. I have
to raise $600 therefore, in a month, or little more -
[illegible] get where over $200 is to come.

BRIDGEWATER
MAY 27
CANADA

Cambridge, Monday Evening

63.

My Dear Doctor

I got a large parcel Saturday Evening containing a parcel for Tuckerman (which he shall have to-morrow (too stormy to send to-day). — the Journals from Stokes. (Did you pay any charges? If so let me know, that I may collect of Greene &c.) — and the parcel of Malvaceæ, &c. — Thanks! —

I will send notes as I look at them, to-morrow — or when my proofs come in: for all my notes on Malv. have gone to the printer. I wish you had sent them along with the rest, before. — However those of Emory are mostly Sphæralcea, a genus which it did not fall in my way to revise. — I had merely mentioned 2 or 3 n. sp. of yours from Emory, &c. — But what you now send, as I glanced over, made me doubt of your S. Emoryi. — Those Canescent ones run together, I fear. —

Sprague has the original spec. of Bravoisia Tweedii, & will bring it in to me to-morrow. — I must then overhaul Engelm's notes once more — as ½ dozen species he distinguishes — & then send to press.

Gray wrote that he left some day last week "by a letter" to me, with the bag, sent in your parcel. — I could find nothing of said letter. — Did it not left at the Med. Coll.,

To-day I have a letter from Bentham; which I enclose to you — as he seems, at date (Oct. 27.) to have as yet received no letter from you naming some of the Hartweg plants which I indicated to you as in the Hartweg Coll. — the S'axifraga & the Hypericum, &c. — Did you write him, and when?

Please send back to me this letter in your next, as I want to look at one or two plants he refers to, and write him,

if need be, about them. —

Lane is getting decidedly better; and will return here on Wednesday, if the weather is good.

You see Butter, with as the Polygala as new, & the Limnanthes, it seems, were named by Hartweg himself. —

Yours truly

A. Gray

Nov. 23, 1848

Box 83. Herbarium.

Dear Doctor,

As to your Geranium Fremontii,

I have received the specimen in Sprague's hand — all safe, & with the specimens of Lyat Plant — are before me. It is not Engelmann's G. pentaphyllum (which is near G. incisum, Nutt) — nor the Geranium ~~for~~ which Engelman & I took for it (& I consider as G. caespitosum, Lames — as it is the smallest & deepest-colored species) — but it is what in the notes of Pl. Fendl. stands as G. Fendleri, Engelm. So that turns out very well — & you can have a G. Fremontii — Engelman a G. pentaphyllum, & I (what I insist on) a G. caespitosum, Lames.

As to your new Kallstroemia, if you do not at once send me a character to publish, or a fragment of your specimen, by which I can be sure it is the same as the Butter Plant (which Harvey reports as Kallstroemia n. sp.) I shall not be able to secure it.

That singular or Asparagoid Pencaedanum! — with thick & large downy leaflets (E. Expl.) is that in your last parcel, in a cover with plants "For Gray." Do you mean it is for me to keep? — Do you not wish it returned?

Parosela Le Conteii — all a-waiting for Le Contes specimen — which I want badly —

Lane came home yesterday (Wednesday) — much better — & stronger — nearly well — Will write & solicit Eliza's visit soon —

Yours in haste.

Gray

Now as to Rhus Lancaulis.

The St. Fe plant, agrees with your character as to "calyx much shorter than petals" — & it has smaller leaves — But one of my specimens from N. Hartford (of which I inclose flowers) has a calyx nearly equally short. — Is not the difference in this and the authors one of subdiaciousness? But therefore, are you sufficiently sure of your Oregon species? All my specimens have the thyrsus pedunculate — about equally.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Yours truly,

A. Gray

84

COLUMBIA UNIVERSITY

Dear Dr,

In Emory's Report — did you publish the 2d species of Hymenostrotes? — What was the name I gave you to substitute for that — to make it more appropriate for the 2d species? Did you publish a generic char? Will you lend me your copy of Emory's Report for a little while? — I find this 2d species is in Gray's collection. — I should like to make sure that the genus is published & second.

Cambridge 27th Nov. 1848. (Monday Evening

My Dear Friend

I got this morning your favor of the 24th inclosed $1. — all there. — also draft on Bank of Newburyport for interest. — All right. — Cashed by a broker for 25 cts. — I enclose you, accordingly the smaller note I hold, which is now all paid. —

I regret to hear that the Med. College does so poorly this season! But think your way looks clear for the Chem. Professorship in the Academy, which will eke out your income nicely. — Vastly better than going to Princeton, with the expense of travelling back & forth

for self & family. And your account of the state of the candidateship looks pleasant and satisfactory. —

Why not retain the McDougal St. house, & reside there, as you return to N.Y. Can you do better?

But I write to beg you, on every account, not to feel disturbed, and resort to no expedient that will cause any sacrifice to pay off the other note I hold this winter. I think you have already done enough. I think I can continue to get a discount through some friend in State St. for 3 months — the interest of which must be charged to Sprague. — In that time if we can bring out the new vol. its first sales will soon meet it, & pay Prutsto. The printer I will pay at 6 months. (tho' I save 5 pr. cent on his bill by paying cash down.) — by which period you may be able to help me. —

Only, if you can by Christmas day (or two days before) have in Sprague's hand the $100 advanced by Henry (of which you will tell them have had the advantage) it will be a great convenience. I have to advance to Sprague, now, from month to month, all that he needs to live on — which is pretty hard.

Wright is up from Texas (with his mother at Pittsfield, Connecticut — soon be here as curator to me — taking Lequerreux's place — who has been with me a little — but now, as a consequence of his visit to Columbus goes to aid Sullivant, with a provision that makes the treaty worthy

fellow perfectly happy. They will do up Bryophyes, at a great rate. L. says that the collection & library of Lilliwaup in manuscripts are "magnifique, superbe. — the best he ever saw". —

I have sent to Wilmington anew. for seed of Gordonia

Young Cooke — who has gone to Europe to recruit his health, took your two parcels to Bentham.

Send the Potentilla, and I think I can get sketches made that will satisfy Dr Lehmann.

LIBRARY
COLUMBIA UNIVERSITY

London Quarterly Review came, with the parcel.

I write Dr. Gould to supply what you need of Proceedings. Bost. N. Hist. Soc'y. —

I mail you the 1st part of Nov Wh. — wh. I do not care to keep. —

S Sprague — I may say, will willingly make drawings for E. Ex. with as many details only as a Dracunculus for $10, each. But when there are more materials we shall want often to put on much more. — That as you please. —

Jane was getting on finely; but over did herself last week — & then, being weak & unstrung, has suffered much in health from the sudden death of a cousin. — a sweet

girl, who has been a cripple & great sufferer for life. — But for the last two days she has suffered greatly. — But I think it is only a transient interruption to her recovery. Could not Eliza come on from New York hither?

It is late & I must be off to bed —

Yours affectionately

Alpheus.

COLUMBIA UNIVERSITY.

134
M.

After 1848
or 1848

Dear Doctor,

Like a stupid man, I have some how mislaid the character you sent me of the new Rhus of Orgn. & now that I want it to see if the Fendler is the same. I cannot find it. Pray ask one of the girls to copy it out anew, and I shall most heartily be thankful.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

Henchera. from Regla. Halstead. Not in Walpers nor in any of the late Mex. collections in Linnæa. — It is probably what DC. Prod. ~~[illegible]~~ means in his locality "Insa Hispania". If you will give a name & char. I will put in a note under the ~~H. [illegible]~~ Henchera parviflora I have from N. Fe. — [What is H. Rugelii Shuttlew. in Linn.

Malva Le Conteii, Brdl. = Parvia Lecontei T. & G. (nearly allied) to P. hastata. bar. — & going still nearer to weaken the genus Usera. I retain the specimens as I mean to figure for Usera. —

Your Sphaeralcea incana. holds its own in Mislizeni's coll.

The ~~[illegible]~~ parcel of Malvaceæ of Mexico. I have made notes on & returned. — I mention your two new Sphaeralceas to fix them in Pl. Fendl. — but hardly dare write characters for them.

Thursday Morning. — I got your package, containing the things I wanted last evening.

Yesterday I was arranging your set of plants from near Monterey, Mex. coll. by Edward Palmer. — I have hardly any notes to offer, which would not be perfectly obvious to you. Time fails for studying them. — No. 11. is a Malpighiaceæ. same in Greg.

2. Vesicaria Ludoviciana?
52. = Phlia incisa (Texas) or near it.
25. = Galphimia.
1 = Oenotia Drummondii
10. = Polanisia trachyspema with flowers almost as large as in the plant 693. Coult. Mex. which is clearly P. viscidulosa, being as large as in Parry's figure — (See Gray. Illustr.)
15. Eysenhardtia amorphoides. (Gadd Spec. Coult.)
16. Dalea citriodora. Willd. — I send you a piece of Coulter plant, which I think is same.
18 & 19. Dalea. I have somewhere else seen, not in Coulter.
81. Calliandra
23. Desmanthus.
12. Hoffmannseggia stricta Benth. n. sp. in ~~Pl.~~ Coulter Coll.

Hoffm. Bolson de Mapasmi is a Polycarpon — Engl. from Bolson de Mapasmi is a Polycarpon — Engl. which is Drymaria polycarpoides. n. sp. looking plant. Buena Vista.

From Engl. is another Vesicaria — perhaps n. sp. But I dare not attempt to describe it, nor should it be, from such specimens.

Monday Morng

Dear Doctor.

I despatch this, as it is, for the purpose of asking you to make enquiries now in New York (when, from your letters, I suppose you are, or will be every day or two) whether it is still time to use any influence you may have in behalf of an old correspondent of yours, Mr. Brace, who greatly needs, and is admirably well qualified for the place he has become a candidate for in the New York Free Academy — is the place his friends have applied for. Rhetoric, Composition, &c — An enquiry of Mr. Kelley you will learn how the case stands; and perhaps, a word from you would be of real service, and it will much oblige Your attached friends

Lane and A. G.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Your Pencedana, which came safely, are so broken & fragile that I mean to cut some of my paper to your size, & very carefully glue them down to save them from farther injury —

Chalk

Cambridge. Jan. 11, 1849.

87.

Dear Dr Gray

I have have been waiting for a moments leisure to make a note or two on your appx. to Emory's Report. — I make a note or two this morning.

"Clematis Virginiana. Raton Mt." = C. ligusticifolia.
I remember it in your Herb.m

~~"Malva pedata" Are you sure that this is the plant from the Upper part of the Arkansas.~~

"Malva pedata" — ballii vive (fide Lamus) Macrorhiza
very diff.t from M. pedata — which, when I last saw,
was not in your Herb.m — I have it now from Texas — & in diff.t

"Mentzelia pumila" = Bartonia multiflora Nutt. in
Pl. Gamb. — but too close to M. pumila. I suspect.

"Cevallia pinnata." Cannot well be said to be
admirably illustrated by Henle, when he figured it with
a small embryo in copious albumen, and got all wrong
about its affinities, till set right by the Flora.

"Frankinia Hortiana" should have the Antidesma acanthocarpa
under it as a syn. —

"Dicoris" Why did you not give a character?

"Mnettia watta". Please compare with the pl. of Fremont
which I have reported as W. helenioides I suspect
they are the same.

"Melfia"? ("Melffia") I suppose is Helianeris. Nutt. Pl. Gamb.
Tetradynia & Polydynia — from the Desv. should be distinct.
But specially do I want to speak of

your note under Riddellia –

Nuttall described from a spec. you gave him of James – but gave no indication of how he came by it, – leaving it to be inferred that he found it himself. – Your specimen – which went to Brown – being mislaid – it was taken up in the Flora on Nuttall's char. only – as stated – (for the little fragment he gave me at Philada was insufficient)

Afterwards – finding it in your herb. – & getting a clear insight into the whole matter, I prepared a proper character for the appx. to Compositæ in Flora – which was not quite reached in part 3. – & so has remained unprinted. In that MS. I gave guardedly but plainly the history of it – showing that it was founded on a plant collected by James only.

That MS. I read to you here – once –

In Pl. Fendl. I had the pl. (& a new sp. from Hoff. &c.) for I gave the revised character there – printing it in Latin. – & copied out my statement about James having alone seen it till last year. –

But before my MS is printed, I get your Report in which you say it was "first detected by Mr. Nuttall towards the sources of the Platte". – thus contradicting my reclamation – in advance – & on the best possible authority!

Is it too late to drop that sentence in the 2nd Ed. now printing?

What is your poison for plants?

Tell us a bit the new glue that it does

Will you send the Rhabilla for Schwein.? Yours ever, A Gray.

CORRESPONDENCE HERBARIUM HARVARD UNIVERSITY

At the Doctor's dictation Jan 1847

The Doctor says – he has received the draught for 85 for Sprague and he has the money. That Sprague is doing well is abundantly provided for and you need not trouble yourself about the other 15 indeed need not send it until asked for

That he is dreadfully mortified at the result of the Free Acad election and the electioneering of those petty politicians though "to be sure since the salary was only 800 it isn't so bad. However he thinks those people were real mean to do so. Agassiz was enquiring about it and he feels mortified that they should have acted in such a way.

That he sends for a copy of the paper

ENCE
M
VERSITY.

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Plantae Fendlerianae in sheets and also that he wants Emory's Report sadly that he is anxiously waiting eith to receive it or hear what it says about Hymenoclea

As to Eliza she is enjoying herself so well apparently that she will probably stay until the first of February

With love for Jane

Believe me ever sincerely

A Gray

EARLY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

STORRS & CORRESPONDE
HERBARIUM
COLUMBIA UNIVE

Dr. Torrey

TORREY 88.

No. 31 Pl. Greff. I called
Actinella acaulis or something
But I now think it must be A.
Tonneyana - (See your herbm.)

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

Cambridge Febr. 1st 1849.

Dear Friend

You remember there was a small collection of Greff's Plants notified by Short as having been sent on to me - thro - the booksellers in 1847, - long before the one which came to you - and which had never come to hand.

This evening it came, with a note on it (Prof. Alnzo?) from "A. Gray, Brooklyn, N. Y." saying it was left at his house by some person unknown. I wonder if he has kept it for two years - although addressed to "Professor A. Gray, Cambridge, Massachusetts"!

On looking it over I see nothing that we have not before. — but some specimens perhaps are better. — If I notice anything you need I will divide — It is a small parcel. —

You will have seen Emory by this time. He offers to take Wright as one of the assistant computers of his own staff — but in effect as nat. hist. collector. He and Dr Halstead would then play well into each others hands — and each other — and collect all the plants that grow.

Maj. Emory would like to have this undertaking turned to fine scientific account. —

I have for some time been done with the Pl. Fendl. — except some little addenda which come from a small collection made by Gordon at the Raton Mts. — but the printer

will not be thro. yet for a week.

I have been at work hard — and am still at Expl. Expd. Compositae —

Thus far — & I have gone thro. two tribes Vernoniaceae & Eupatoriaceae — the Expl. coll. is undeniably poor & shabby — all 'long shore, and road-side specimens, and little bits.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

As to those of yours in my charge still, if I remember you only want names & notes — not characters.

In great haste
Yours ever

A. Gray

Boston 6 Feb.y (1849).

Dear Doctor

I have this day yours. but — as it not before me, I can only in general terms thank you for your scape for glue. &c —

This I said by my brother in law.

Charles Loring, who to recruit his health makes a short visit to New York and Washington. He brings a small parcel to you containing the little things that have accumulated since Eliza's departure — also a sheet or two of Pl. Hand. — the rest presently. I am now hard at work at the Ex. Expd. Compos. — will soon look at those of yours. —

Charles will give you latest news of Lowe and — Yours faithfully

A. Gray

GRAY CORRESPONDENCE
HERBARIUM
GRAY HERBARIUM

Dr. Torrey

N.B. You must know that Charles is a little in the Chemical way — having been in Horsford's Laboratory last term. —

Cambridge Saturday Evening.
July. 17. 1849.

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CONNECTICUT HISTORICAL SOCIETY LIBRARY HARTFORD

My Dear Doctor

I was distressed at receiving your favor of the 7th & 8th inst. only this afternoon — under cover from Hastings — who had mislaid & forgotten it. I should of course have replied to it at once.

An hearing from Emory. Might write at once to him at Washington to say that still he would be glad to go as Botanist — if his transportation to California & his mere subsistence were furnished. — he would prepare his own materials for collecting; and would in that case expect to collect, not only a set of the plants for Dr. Emory & Government — and whoever worked them up — say yourself — but would expect to make up sets enough in a quiet way — for Lowell, myself, & a few others the pay for which would reimburse his expenses, outfit, &c — (which we should have to provide)

He would still go, gladly, if there is yet time & a chance — under whatever name, — with the pay of a dollar a day, which you mention. — & divide his collections with Dr. Emory — for that he & yourself should be well supplied, — he (W.) have a set himself for his own trouble, and a few to dispose of, simply to make them even with the world again.

Emory has not answered his letter — probably did not well understand it. — So that I cannot say that present appearances look very encouraging for him. —

I am greatly pressed, having a sudden opportunity of sending letters & small parcels to England by John Cunningham — who goes not — very unexpectedly as his ms. next Wednesday — & I have academy things to send, and Pl. Fendleriana, — of which I mailed to you lately the last sheets. —

I think I will send your Ptentilla (& some of mine) just to Lehmann, Cunningham to leave them with Britt, & Lehmann promptly to return them to him again. —

I rejoice at Hastings's position — which appears so pleasant. Sorry you did not see Charles Lowe. Yours ever

A. Gray

Monday Morning 1849

TORREY 91 REGISTERED

TORREY CORRESPONDENCE HERBARIUM COLUMBIA UNIVERSITY

My Dear Doctor

I got your last favor on Saturday — the mails back and forth have been somewhat irregular of late.

The day after I wrote you I got a letter from Maj. Emory (in reply to the one Wright & I wrote to Washington — he offering to go without wages, at all.) — from New York — a very polite & proper letter, but directly declining our overtures. It would not do — therefore — for you (in case Dr Parry does not appear —) to send on Wright. — Besides — you can send later — without much difficulty — Let him go with California expeditions for the Boundary Survey — be can receive the party in California — & from the party in an expedition for emigrants to Farning determined on

Wright, you may be sure, I was not going to be altogether disappointed. Accordingly I have got one all arranged. (Lowell & Greene Gardening handsomely) which is as much better than Emory's as possible. — & thus far every thing has wonderfully conspired to favor it. W. has left me this morning to go to his mother's in Connecticut (Weathersfield) — then

to make his portfolios & presses. — comes on
to Newport soon — takes first vessel for
Galveston. — I expect a letter from Hastings
telling when it sails. — & to reach Austin
on Sunday night, in time to accompany the
troops that are about to be sent up by
a new road across a new country to El
Paso in New Mexico. — Look on the map to
(This lizard) & you will see the region we mean
him to explore this summer. — The Red Valley
of Rio del Norte. — early in the season — the
Mountains east & especially those west in summer.
He will probably stay two years. & get
to Taos & Spanish Peaks this year or next.
We shall have Government recommendations
to protection — & letters to an officer (commanding)
who thinks Hayes has already made overtures to
collect himself or aid in the matter.

Wright will get his paper — (the size
of medium printing) in Newport — some
20 or 25 dollars worth. — printing medium size. —
If you like to help his finances by procuring the
paper for him (let Grant look it up) as much
as 10 reams — you — without being bothered by Platts

you don't want shall have your pick of such things as are new to you — from his collection.

I write in haste

Yours truly

A. Gray

TORREY CORRESPONDENCE
IN BOTANICAL
COLUMBIA UNIVERSITY.

Dr. John Torrey
67. Crosby St.
New York

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Cambridge. 17 March 1849

TORREY 89
HERBARIUM.

Dear Doctor

I send this to Gray — with 15 letters for foreign packet — (You may imagine I am writing.) I have just sent off two large boxes to Hamburgh. —

I could not get a proof of Fraxinetia — in time. I hope you sent your one — which I can duly replace —

S. Prague is now at work on Krameria (which Batis. is all wrong about in the last plate) Pl. Hartw.) in Vol. 2. — Next come your things — which he is now going at — Which will you have first. I will take up Batis first, unless I hear from you — Your things are now first in order. —

My wife is very poorly again. Your note to me — which I got discounted here — I have regularly paid,

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

this week — as it matured.
I send you two copies of Mr.
Hood — forgetting previously —

Jane is writing to Eliza
& sends her love ——

Yours ever

Asa Gray

GRAY HERBARIUM
COLUMBIA UNIVERSITY.

Harvard University
Cambridge, Massachusetts

TORREY BOTANICAL CLUB HERBARIUM

Canandaigua 17th April 1849.

My Dear Doctor

It is very long since I heard from you, & I have myself been at work too hard to write many letters.

Sprague has been at work on your plates for Smithsonian — four are almost done (two of them quite) viz. — Bates, & Schweinitzia, the Chrysobalanaceous thing, and the Portulacaceae. — The Chrysobalanaceous thing will also be ready in a few days. — When shall you be in New York that I may send them to meet you there? and then they may go in to Prestels hands, who I think had better engrave them. Sprague just not make his first essay upon them, which he wants to be very fine, and do justice to his admirable drawings. — Perhaps Spermatia may better be engraved over by Prestele.

Sprague's analysis of Bates is very beautiful & clear, what are its affinities. I hope you will be able to get some clue to it. Nothing promising has occurred to me yet. — His analysis of the Californian Schweinitzia is very interesting. But are you sure that you found the ~~embryo~~ seed attached by the end opposite where you found the embryo. Sprague is pretty well convinced of the contrary, and gives to anatropous seeds. — There is no doubt, as in Schweinitzia, and many other differences, which I suppose will lead

you to characterize it as a distinct genus.—
We have the Amaranthaceous thing here to figure.
& you have sent Limnanthes.— But it's
it worth while to give a plate to this, when
as I see Bentham finds nothing noticeable in its structure
differing from the well-known L. Douglasii.—
For Chamaebatia — shall the figure be made
entirely from my (Hartwegian) material — or have you
not some fruit from Fremont.— And what
will you take to complete the decade?
How bad is the mishap of Fremont in
the Mountains— It was too rash to attempt it
in winter.
Fendler — after changing his mind a dozen times, has
at length — at the last accounts — decided to botanize
around Mormon town.
Jane is getting better, but is far from
well.
In haste Yours truly
A Gray

Printing of Genera is going on.—
Rhamnus Alaternus Hook. Fest is a
Zizyphus.—

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

Cambridge May 4. 1849.

TORR. 92
HERBARIUM

Dear Friend

I have been wanting to write to you — & reply to one or two letters of yours. I will soon — At present having only two minutes I can only say that your parcel of plants (for Mr Pursh to draw &c) came safely.

I give this (with a package for you, containing several things that have come in) in great haste to Dr. Alexander, to reinforce the letters which he bears to you from Mr Walter Pratt. He will stand a few

Brown with you on his way to the region where he is to botanize this summer.

I am much pleased with him, and know you will gladly further his views.

Brown writes that Endlicher is dead (no particulars) — also Gardner, at Boyle.

Ever Yours truly

A Gray

TORREY CORRESPO

Cambridge, Saturday Evening, 26th May, 49.

TORREY-94 HERBARIUM

TORREY CORRESPONDENCE HERBARIUM

My Dear Friend

Your welcome and lively letter of the 23d reached us this afternoon. Your former one, of last month, I have still kept on my files — to answer at a moment of greater leisure. —

An inflamed wrist Monday morning, — became so uncomfortable that I broke off my letter and now proceed, with my left arm in a sling, with your Sprague will now be able to proceed with your drawings. The 4th nearly done — when I sent last was the new Portulacaceous genus. I have written Prestele to put them upon a stone so as to have printed on a sheet larger than ordinary 4to — as the Smithsonian Contrib. is a set of royal 8vo — I have given him the size, as I think correctly.

Engelmann has told me how the Texan plants fell into the hands of A. Schiele — the W. Römer, a geologist who was in Texas — brought a set of Engelmann, who is quite E. & I were to publish them — to blow him up. But indignant has written to Römer, to blow him up. But E. well says it is partly his fault, in not getting them ready for publication sooner. Schiele has several plants in my Ill. Fendl. & in Gen. Ill. Vol. 2. Only two, however, really anticipated with correctness, viz. — my Darwinia Wrightii, & Abutilon velutinum. (both he has badly described). His Malva aquatica is my Malvastrum Wrightii, Ill. Fendl. His Nha Malva = Malvastrum carpinifolium. His new Ungnadia is the old — His Paliurus Texanus = Zizyphus Obtusifolia Torr. Ill. (Rhamnus Obtusifolius, Hook. in Fl. Bor. Am., of which we have now good fruit. —

Rhamnus? Texensis Torr. & Gr. = Ceanothus

Sprague is himself engraving the Zizyphus & Frangula Caroliniana. (Frangula perfectly good genus, — as Bennett says. & Rhamnus alnifolius does not belong to it, but is a true Rhamnus, with recurved cotyledons.) & is doing them well. He will be able to engrave the trees for himself. But there is much that he cannot do yet equal to Prestele.

I have finished all the copy of Gen. Pl. vol. II., at length. The printer has yet 2 or 3 sheets to set up. The plates are working off in New York. It will run. It is long since I have done [illegible] of my hands. I am now going at Hanc. [illegible] anything of Ex. Exped. Pl. — It is a shabby, unsatisfactory collection.

What Erigona I have direct from Bentham. I send you all that are in my hands — also a my set of Pl. Fendl. — which I shall be glad — as they have to be compared with Mitt. allo. & Cabf. — if you will elaborate for me, Hanc. — If the same time my criticisms you have to make — & the brief characters of any new species whether in Fremont & Ex. Expl. collections, you had, better publish in notes to said Erigona. in Pl. Fendl. Any other families of Fendl. Plants you would like to have are at your service.

I send also my copy of Beth. Erigon.

I have never studied the Amaranthus Plant at all. Until when Sprague figures it. —

I do not recollect that I ever saw your Hanc. I should think it would be well worth while to figure it. On looking over your characters, it strikes me as more likely to be Rutaceous than Zanthoxyl.

As to Bates I did not remember where Lindley put it, but, in looking at Spraque's analysis, it struck me as being nearly Euphorbiaceous in structure; which I see nearly agrees with Lindley's view.

I have never examined that Angelicoid Puget Sound thing. We will examine it together this summer.

Hooker wrote me how much he was interested in the plants you sent him.

Munroe & Co. have not advertised the manual as they should — not followed my directions properly, so the rest of the edition will sell off slowly, which I am not very sorry for, as I do not want the trouble of making a new one next spring. As to the Botany Hilton may make himself easy — he has written one a long letter about it, but I shan't trouble myself on the matter.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

I have asked Gould to have the proceedings of the Boston Nat. Hist. Soc. forwarded to you. You will soon get a large batch of proceedings of Am. Acad. for the current year. For the terms of Mem. A. Acad see enclosed advertisement. You will be anxious to have our new volume & can take it when you come on dec. About 200 pages of Vol. IV. are in type.

All the details I have about poor Buchanan's death are in a letter from Tommasini, who says that he was suddenly prostrated by a severe illness which was soon fatal — about the 1st of March. I saw him in January at Vienna; his position was not pleasant, & he says he expressed regret at being compromised in political matters. He may

no. of Hook. Journal announces it in a brief note. No particulars yet—

Your former letter of Apr. — is now before me. We will try to have Sprague figure the other Bombaceous genus. I noticed the Oak of Fremont with the long acorn. Macradenia is not so near Macrocarpa. Perhaps it should be figured but the new genera first—

I have heard of Wright's arrival in Texas after a rather long voyage. Sendler will probably be attached to Capt. Stansbury Expl. of Great Salt Lake. Ravenel is not a Dr. only a planter — good fellow. — I recommended Breckenridge long ago. Was he for the place? —

From Royle did you get more than three books of Griffith's — Nos 1 — one 4to. — All I had, but by the Circular there should be another.

As to Bailey on Duckett no doubt I should have been more savage than he, as you told him — But Bailey was more wise — I read his article with perfect admiration for its quiet good-tempered thoroughness which must be very effective —

The the local Committee have been arranging for you Scientifics in August. Yourself, Sullivant & Engelmann are the botanical Committee — . I will be here & you of course & Harvey. So we expect a nice time. (Jane says, though Eliza does say in her letter she cannot come, she might have forgotten that learned meeting from which she was to derive so much information, & lets entertain the company at home; so that she shall expect her & Jane, & Maggie, & Mrs. Torrey & Web. according to agreement. She was better a while ago, but lately has rather fallen back again, but hopes to pick up before August. She will write to Eliza soon.) With love to all (James also) Your faithful friend A. Gray

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIV.

Torrey

Coll. Greff.

No. 18. = Pyrrhopappus Carolinianus

The green Compositae from Surinam wh. I returned as Rolandreae — = Rolandra argentea.

TORREY HERBARIUM 96

Fremont's R. 1846. which I queried for Hemizonia
" S. " angustifolia or new, is
Hemizonia decumbens, Nutt. Pl.
Gambell (Mr. Lovell.)

Oxalis [illegible]

Monday, June 5. 1849

Dear Doctor,

I write this on an old sheet which had a few items, for you left over, when I dropped the Pl. Fendl. & looking over Fremont & Geggian specimens last winter. It has been lying in my drawer ever since.

The other day while confined with my lame wrist, — (now, I am thankful almost well — quite, indeed, but weak) I took up those remaining Californian Compositae of Ex. Expd. you long ago left in my hands — have determined the known ones, and studied those that are new. — laid aside for Sprague to figure — a remarkable new Hemizonia, a new Antennaria — & three Gran new plants which I refer to Lessingia, — though as to two of them you would not have thought it. While working at them I found out that one of them was a plant that Bentham

had written of as a new Phlox Hartwegii: if Hartwegii call:
~~to Mr. Hartw~~
Thinking that it might be best for him to publish those in his forthcoming sheets, just to secure them. I found to him by this weeks steamer — copy of enough of the characters I have written out in: suppl. bumps. for our Flora — to answer the purpose, in a letter, in which Jane has copied out the part that explains how I happened to hit upon them.

I trust you will approve this mode of proceeding; as it will be sometime before either you or I shall be printing anything in which we can naturally insert them.

I'll try to have Sprague draw them ex lag.

He has taken up that other Bombaceous thing of Fraunts.

Will you have the specimens drawn as they are, viz. — A branch with calyx & pistil — the corolla fallen & then the corolla &c. — given separately? Or shall we venture to restore a corolla to its place? —

I have some idea of having Sprague himself engrave this. — on the same stone with Fremontia — & add some new details to that. He has engraved two plates for Gray — very well. Showing that he can do this kind of work.

Sprague must have a genus — & a first rate one. I think it would come in better taste from you than me — we are so much connected in working. — Will you give him one of your new ones.?

Jane is much reduced in strength & flesh — Her spirits at times flag very much (Do not allude to it in your letters to me) — from the effects of so long indisposition. If I could possibly do it, I should go abroad with her this summer. — but it cannot be. If not received — & at any rate if I can get along with what is on hand, I shall try to go next year. —

Love to all at Bincolm. Yours faithfully
Asa Gray

HERBARIUM COLUMBIA UNIVERSITY

Cambridge - 15 June 1869.

TORREY 94
HERBARIUM.

Dear Doctor

Dear Dr.

Yours of the 13. came this morning;

Of course I meant in my last to ask you to dedicate one of your n. gen. to Sprague, - for the very reasons you suggest. -

Love being now at Beverly - I have asked Charles to copy a part of the figure of E. intricatum for you - & here is the specif. char. -

Do you want also the char. of E. cinerum. E. elongatum; & E. gracile.

To day or Monday I will try to get the loan of the Exigence W. Lindl. for you.

I have not unpacked your Apetalae Fremont. 3° yet - waiting till I study the Fendler. Now - But I am now deep in Compositae E. Expd.

I have Nuttall's - 4to. - & notice his sort of Nationes.

His talk of Oligopthamus & Cyclachaena amounts to little -

As to Otilonius see Pl. Fendl. p. 102. note. for you have T. W. Alexander again. - In haste Yours ever. Gray.

TORREY 98
HERBARIUM.

Cambridge. June 22. 1849.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

My Dear Doctor

Going to Mr. Lowell's house on Monday I found his herbarium room in the process of re-arrangement — new cases putting in. — & all in such confusion that I could not get at that part. I will try to see Mr. Lowell in a few days, or write him a note asking him to send that part of his collection. I do not think he would be willing.

Perhaps you may remember, a year ago or more I forwarded to you some enquiry from Prestele as to why you had not answered his letters. — In the present letter, enclosed, you will see he feels not only surprised but hurt about it. He is a good man. All his long intercourse with me has very much raised my opinion of so truly gentlemanly — Pray have the kindness to write him at once, or commission me to do it.

Shall Prestele's man try his hand at reprinting those plates? — The trees have pressed Sprague much for the last fort night. But he must now finish your drawings. Prestele has sent us no proofs of the three plates. —

Jane is with me, now for a day or two. — is getting much better in this hot weather. She sends much love to you & yours. —

Yours affectionately A. Gray

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Prof. John Forsey
Princeton
New Jersey

Cambridge 26th June 1849.

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TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

My Dear Doctor.

Your favor of 22d came this morning. I am out of health with a lecture 1½ hour long, & so set down to reply at once. I have written to Mr. Lowell for Eriog. Gambell. but have not yet received an answer. You did not ask for descr. of the other 3 species of Pl. Nov. Belgicus, or you would have had them.

I have none of Engelmann's: Eriogonum atromontanum. — Write to him for it. I do not care which of the two genera you mention is given to Sprague. Take your choice when you get the drawings. If Sprague has time I was going to have him engrave the gen. off Chierotanum — on the same stone ~~with~~ which the Fremontia is on. ~~In that~~ (adding some more details to the latter) In that case that stone should be worked here. I am sorry you promised Endicott the printing of these plates for if not done by Prestele's ~~himself~~ new man) I think Lowell's press-man here would have done them better. — but perhaps not. I will hurry Sprague to finish the drawings, and you can ~~have~~ yourself manage the engraving & press-work as is most convenient & proper.

I am very sorry that there should have been any misunderstanding or dissatisfaction on Prestele's account. I have a very high

opinion of him as a man and a Christian, and do not think he would ever intentionally misrepresent the slightest thing to you; and therefore wish you had promptly found fault with him for whatever was amiss. May I still presume to solicit you to write to him; for I do not like he should feel that you have declined to answer his letters.

When you send Thamnosia & it is drawn or drawing, I will examine it. You know I have never seen it.

I will try to get for you — from the Traveller, the account of the transportation — But I presume it will be printed — all very well — but no great shakes!

I am pressing Sprague about your drawings but I cant hurry him a bit. She is delighted to receive his sketches & echos of the trees as they come on — & this keeps him pretty busy.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

I momentarily expect Stratton here, & will pack up & send you Lambert's Pines & my Suppl. part 5. — to-day. I send to Grant as before.

Jane is improving at Beverly. — She would send her love if she were here. — In haste thine ever,

A. Gray

P. S. I will wait a day before sending you Lambert. — to see if the weather does not lead me the sequel

July 12 1849

I have no specimen of Pinckneya at all, and so none for Bentham. All in Garden, hence I will send a parcel, containing all my Bragiceæ that have come in, among them if possible those of Lister's new collections, now laid out to give, — shall be glad to have you name them. Also Fendlers. —

If you would now finish up those, and Labiatæ Campanulaceæ, Acanthaceæ, & Asclepiadeæ for the Flora — (I mean to do by Wightman & Lab. when I take up Fendl. & Lex. collections) — bring on the Mss. I think shall some day gather courage to attack the Vaccineæ again — & then finished, we might push the rest of 2nd Vol. of Flora through the press quickly — which (Deo fauente) that 2d Vol. out before I go abroad next spring, must be

OFFICERS OF THE ASSOCIATION.

Prof. JOSEPH HENRY, *President.*
Dr. JEFFRIES WYMAN, *Secretary.*
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Prof. ASA GRAY.

JEFFRIES WYMAN, *Secretary.*

(CAMBRIDGE, JULY 12, 1849.)

100.

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Myosotis (Eritrich.) Californicum, I had in the garden only once, some years ago — not since.

Of course I shall be glad to have your remarks to print on Bragiceæ &c — in Pl. Fendl.

I have from you the seed — Blennosperma Mexicana. Pity we did not know it when the 1st Vol. of Flora was published, to give the new name to ours. The B. Mexicana is in Bentham's Mex. Coll. — How odd the foreign botanists have not found it out yet. Engelmann has, however, some time ago — noticing Greggii.

I wish you would publish them now, now. — I shall

not have a chance till now St. of Tex. Lindh. are published.

Poor Sprague, he is very thin & worn in his miserable health, and his sister — with him — is sick with a Pleurisy of pretty long standing — a sort of chronic pleurisy — with effusion into the chest Dr. Thyman says. He can do little work now, — and says he can never do half I have put on his shoulders. I am afraid that all he can possibly do for you this summer will be to finish those Smithsonian plates, — and I can't get him to ~~do the~~ finish the 4th yet. — though I have urged & urged him, all I possibly could. & scolded & threatened him, but now I have no heart to do it. Besides, when I do, he threatens to sell his place and go back to Hingham, & live by painting coaches,

TORREY BOTANICAL CLUB HERBARIUM COLUMBIA UNIVERSITY

Have you got Ser. C. Proc. 13. (part 2). I got an early copy. — But Riley should have the regular copies along by this time. Mogin Dont know Sarcostemma & leaves it out of Phanerog. I want to see whether he has the Amaranthaceous genus — but have not observed it yet,

Jane is away at Litchfield. Conn. where I left her early in the month — with her maternal relatives — to stay till first of August — to return for the Sci. association, here — when we expect to see you with us. Henry will also be with us, & Harvey if he arrives, —

Jane writes that she is improving at L. But she is very far from well & strong.

I am ready to go with the American Commission of E. Exped. — on which I am hard at work —

My love to Mrs. Torrey & the "children". — Yours faithfully

Asa Gray

CIRCULAR.

AMERICAN ASSOCIATION

FOR THE

ADVANCEMENT OF SCIENCE.

Agreeably to an invitation from the Corporation of Harvard University, the next meeting of this Association will be held at Cambridge, Massachusetts, commencing on Tuesday, August 14th, at 10 o'clock, A. M., and continuing one week thereafter.

The members of the Association will find lodging, breakfast, and tea in boarding-houses in Cambridge. Arrangements have been made for all gentlemen and ladies attending the meeting, to dine in Harvard Hall, during the session.

A book will be open on Monday, at 11 o'clock, A. M., and on Tuesday, at 9 o'clock, A. M., in Dane Hall, for the registering of names, when each member can learn at what place he may be provided with lodgings.

The members are desired to register their names as early as possible after arriving in Cambridge.

The following are among the Rules of the Association.

Rule 1. — Those persons whose names have already been enrolled in the published Proceedings of the Association, and all those who have been invited to attend the meetings, shall be considered members on subscribing to these rules.

Rule 2. — Members of Scientific Societies, or learned bodies, having in view any of the objects of this Society, and publishing transactions, shall likewise be considered members on subscribing to these Rules.

Rule 3. — The Collegiate Professors of Natural History, Physics, Chemistry, Mathematics and Political Economy, and of the Theoretical and applied Sciences generally; also Civil Engineers and Architects who have been employed in the construction or superintendence of Public Works, may become members on subscribing to these Rules.

Rule 4. — Persons not embraced in the above provisions may become members of the Association upon nomination by the Standing Committee, and by vote of a majority of the members present.

Rule 18. — The amount of the annual subscription of each member of the Association shall be one dollar, which shall entitle him to a copy of the Proceedings of each meeting.

No print of 632 Hart.
I fear. But you shall see.

Tell me how I shall find no 47 St. Edwards & Mag. Colonia what family, so that I may identify it among Rio Grande pl. of Wright.

P.S. Have just [illegible] a [illegible] containing the things you want — (Mrs McClellan & Beauty) for you to send to Hart, Market, & Beauty to find other parts of the plants you want from Texas, Rio Grande, Mexico. What is it? Yes and Mary.

TORREY CONTRIBUTORS HERBARIUM

N. B. By a vote of the Association, at the last meeting in Philadelphia, copies or abstracts of all communications made either to the General Association, or to either of the Sections, must be furnished by the authors; otherwise the titles only will appear in the published Proceedings.

It is suggested that all papers, read before the Association in the absence of their authors, be accompanied with condensed abstracts for the Proceedings; and that gentlemen personally presenting communications, prepare beforehand a brief outline to be given to the Secretary.

Cambridge Aug. 6. 1849

TORREY 107
HERBARIUM.

My Dear Friend.

I should have answered your letter 1st August last week.

First of all, I hope you don't mean to give us the slip and not come on to the meeting next week! We shall be much disappointed if you do not. and you alight on many accounts to be present: Jane (who will be home to morrow) Mrs. J. & Eliza. — still expects I heard from Harvey at Halifax — who says he shall not be able to get round to Boston in time to be with us. He goes from Halifax to Northfork

I wish you would draw up characters of the Mexican ~~Clomellas~~ Clomellas, & I will place them where they shall be sure to be taken up in Pl. Lith. or first paper. — — Or make a little paper yourself — in Silliman or elsewhere. —

TORREY CORRESPONDENCE
HERBARIUM
HARVARD UNIVERSITY

The parcel I sent Hastings contains some of the things you speak of. Boraginaceæ of Brewer. Calif. &c. — I believe.

As to your plant 956 E. Ex. herewith returned, I can add nothing except that, with all its curious anomalies, I should know of no other family than Boraginaceæ to which it could be referred. It has opposite leaves too, has it not? no.

I have it, in a younger state, I am almost sure from Geyer's Oregon collection, & remember that I was puzzled to know, from external inspection, where to put it. — but thought I put it in Labiatæ pigeon-holes; on looking there & elsewhere, it does not turn up. Is it among the Boraginaceæ I sent ~~from~~ to Hastings. But, at any rate it is a rare descript.

Sprague's sister is getting better & is apparently out of danger. Sprague keeps promising to finish your drawings but ~~gets~~ does nothing at them. — & little progress in anything. He is a good deal worn down.

I have 2 packages (Pteraniphytes, Lichens)

for you from Luckman, who is going abroad with his mother in a fortnight.

As to the Acaena. I called it A. occidentalis in Mss. Fl. N. Am. But I think Bentham took it up in Vol. Suppl. — (You have the part now, not?) as A. Californica. Surely not A. calandulacea.

I could send to Bentham by Luckman if your things were here. — If not I shall soon be sending parcels to London & can take any you have. I send to 21 Regent St. to Bentham.

Come on to see Sullivant. He is on the coast here, with his whole family. I will ask him about your mosses. —

I do not object to have Gentian plants. — "All" fish that comes to my net." if in wholesome specimens!

Wright writes me that he is having a hard time. I must write him & encourage him.

By return mail please write to say you will be here, at least as soon as Tuesday, 14th in morning. — We are

BOTANY CORRESPONDENCE

are sorry Mrs. T. & the girls cannot come & I am will be much disappointed.

Yours very cordially

A. Gray

TORREY CORRESPONDENCE

Cambridge 30. August. 1849.

103

My Dear Friend

Thanks for your brief note of "Wednesday" week. Harry & wife left us last Monday & went down East to Bache. We had a nice time, but not botanists, except Alexander (who took the room I had saved for you) — for I did not bring forward things I should with a fit audience.

Now I am getting to work again. My brief notice of DC. vol. 13 has gone to Silliman in time for Sept. no. — 3 weeks a-go. —

(You ask me what I make of 680 Fend.! — You do not mean that no.: that is a Solanum. Do you not mean no. 740? But that is not Nyctaginia capitata. Chris. It is a Lycanchidion, that not L. nyctaginea (which I have from Hartweg's coll) nor apparently L. angulatum; ~~nor do~~

I have a good many new things ~~from~~ of the order from W. Texas & the Rio Grande. —

"Abronia Kirkmiana" was the name that came with the specimens. Fr. Lindheimer, either by L. or Engelman. I have it flowering, and a most showy thing, now in the garden. Not no ripe fruit yet. The young fruit, however, like every thing else about it, is unlike Abronia (A. umbellata, fr. Calif. now in garden, has entyo

1-cotyl. just like your Triptercalyx*, which nevertheless is a good genus by its scarious-winged fruit, & the entire seed lobes of the cotyl. if your figure is correct. & the plant does not also expand more showy flowers. - (for A. Kermesiana begins like Impatiens, &)

Yes. I doubt not the Nyctaginia capitata, Choisy - - and is certainly of that genus. My dried (wild) specimen laid out to glue I cannot get hold of at this moment. But the half-grown fruit in the garden shows a young embryo nearly outside of the albumen & the two cotyledons equal & entire. But they are still to grow much.

Jane is improving, most decidedly - notwithstanding our troubles, for some time past. My mother is now here on a visit, - came down with Joe yesterday - will stay a few weeks.

In haste Your truly

A. Gray

P.S. If Dr. Torr send back the part of Beath. very helpful. you have. I have now received the last part & can have the work bound.

---

* You have never sent me a specimen of this, unless it is among those of August 3rd - I have not yet distributed, till I study

There has been a great delay in getting the plates of a few unbound copies of Gen. Ill. vol. 2. from New York, & in having them cut & text folded here... I shall soon send you a copy — in that way — that you may have bound to match your vol. 1. —

I think I asked some questions in my last letter which are not answered in your last note.

Yours

PERSONAL CORRESPONDENCE
MEDIA UNIT
SOUTHERN UNIVERSITY

CAMBRIDGE
AUG 3 1
MASS.

5

Professor J. Torrey
Princeton
New Jersey

Cambridge 17. Sept. 1849

1074

ASHBURNER CORRESPONDENCE

Dear Friend

I have just up to send this day a parcel for you, consigned to Grant — & paid to Newport (— because I put into it a copy of Gouvea for Princeton College Lib. for Mr. Field. Vol. 2*;) including the Nyctaginee of my Nature which you wanted. — also a copy of Gouvea Flora, in sheets — & Proceedings Amer. Acad. for past year — etc. —

I should ask your acceptance of a bound copy instead of this, if I could find to match your pl. t. I pack for Paris in a few days. But I will postpone a fortnight, if you will be here meanwhile, & bring anything you wish to send. —

In my letter to Carey, I believe I ~~added~~ added remarks in reply to the points in your letter of 3d Sept. — the last of which from you. — except to say that I have and I shall be very glad to see you here —

---

* You never replied to my question whether I should send them, or you would have them thro. Putnam. else they would have been sent before. If meanwhile the two vols subscribers are supplied — retain these on my account, till I want them, — to If not — & you can readily get the cash from them, please send or bring it to your friend A.G.

and we can work to-gether — as much as you please — Harvey writes that he shall be here about the 20 Oct. & I should like to have you meet him. — But I suppose that will be rather late for your visit. — as your lectures begin so soon after that. — Come, just when it best suits your convenience

Yours truly

A. Gray.

P.S. Now when my parcel is all most strongly & nicely done up. — I remember that I have not added the Fendler Hypotaginae.

But except Lamodidium — there is nothing that I remember that would be new to you — — an Oxyphthus Alnina — Triptocalyx & — You shall work them up when you come — Stratton is now here to take my package —

A.G.

Cambridge 16. Oct. 1849.

105

My Dear Doctor

The month is so far advanced that — not hearing from you — I fear you have postponed your visit till Christmas. Harvey is to come to-morrow. Perhaps you will come together. There is plenty of room for you, & a welcome be assured.

On Hastings return to New York I did not get the package containing the Boraginaceæ, Lamiat. & Solanac. &c — therefore the more I concluded you were coming.

But if you come, bring, if not please oblige me by sending from New York * your portfolio of Vesicaria.

From ~~Sapolan~~ Lindheimer, whose new Texan plants I am at length working up. Wright, &c. — I have half a dozen new ones, at least new to me. But there are some in the Flora I do not understand. I want to avoid farther embroiling a difficult genus. If you will send yours I will give new diagnoses to the whole — if it is possible — a bothering job.

---

* You are still in time for a package to Paris or Geneva. But be quick.

I am working hard – at nine things at a time, almost.

Honey explained, at the time why he could not come to Scientific meeting.

Sorry to hear from H. that Bailey is very poorly.

I do not remember anything about the Stanford Calif. plant (Phoenix) you write of (14th letter, your last)

Sprague is incorrigible. I can get no more drawings out of him yet. He will work at a snail's pace. and I am tired pushing him when it does no good. Why not write (for genus) Spraguea – perhaps Spragea. I will consult authorities.

Love is at Beverly – coming up to-day

Yours faithfully

A. Gray

BOTANICAL MUSEUM COLUMBIA UNIVERSITY

[Nov.]

Cambridge. Oct. 2, 1849.

106

My Dear Doctor

Yours of the 22d. reached me duly — the box came the day before. The freight on the latter $1.25 was not paid. I mention it merely because you state that it was to be.

In turning over the Bryo. & Lycop. I find that there are a ~~good many~~ some specimens you have not named.

As you speak of sending me a draft this week, let me say that I do not at all care to have you pay me the note I hold — nor any part of it, except the interest for a year (on $500). I should be quite as content to let it run a year longer — when I may need it if I go abroad. So do not send, except interest, unless you prefer to do so on your own account.

Sorry I am that you could not be here while Haney is here. — He will be north by Xmas.

He desires me to say that he expects to spend the first half of December in New York at Dr. Hosack's & will be most glad to see you. I am sure you will like him. We are perfectly charmed with him. A quiet, unaffected, pleasant man — extremely loveable. He works away at a table in my study. His course is a very interesting one. He is a beautiful writer, but not very fluent extempore. Though with more practice he would be a fine lecturer. He has a good audience.

The Paris things I must despatch very soon — the London the first chance.

Sprague has promised now to take up & finish your 4th drawings. He says he can work but a little while at a time — from a difficulty of breathing. Had I foreseen his health origin giving way, I should not have undertaken the trees, — which, as to illustration — as he is more fond of them than anything else — has made fine drawings — we have gradually enlarged our ideas about them much beyond the original plan — as to the figures.

We must get this volume off his hands this winter, anyhow. — The Genera will lie in abeyance. Your Ex. Expd. drawing shall have precedence of mine. — So that I still hope, if Mr Maries lungs are not permanently affected, that he might do your plates. If he could, it would not be worth while to get out an artist to do say only 100 plates. If he should break down, however, it would be a comfort to have another such person in the country. In fact there is constantly work enough for two. — & more. —

If you should meet with any difficulty in this respect, I could take a good part of your plants to figure to London or Paris, & have them drawn, you previously indicating the extent of the analyses.

My plan is only to bring out one vol. of Trans. Report next spring, & not to go beyond the limits of the M.S. paper — those of Genera III, except to mention those of the far West, in a general way. — Otherwise it would be far too formidable

LIBRARY OF THE GRADUATE SCHOOL OF BUSINESS COLUMBIA UNIVERSITY

If you had turned over the label on a specimen you return as mislabelled — you would have found the right name on the other side.

The question is where I can have put the N. Am. Saxifr. (Philad) in my hat — not in Philad. — nor in Rosaceæ. —

I have not your Nuttallian spec. of Persoplectum.

Sir John Richardson dropped in on me the very day Harvey arrived. Expressed regret he could not see you. Learned the standard news of Franklin. — I wish you could have been here at a little dinner party we made for them. He is home by this time.

Jane still improves, a little, & sends her love. —

Yours affectionately

A. Gray

FORMER CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Thanks to Hastings for his note. Glad I am that his friend has a place at L. & B.

TORREY BOTANICAL CLUB HERBARIUM COLUMBIA UNIVERSITY.

Cambridge 28 Nov. 1849.

TORREY BOTANICAL CLUB HERBARIUM

My Dear Doctor.

Pressed for time above measure — I have not yet been able to reply to your favor of 9th & I am also much occupied — with friends here & engagements & duties growing out of it has had no time to write to my dictation.

The Draft came safely. I have credited you on the note — with the surplus you sent.

Decr. 26 — You remitted to me for Sprague $85. — out of the $100 that Harvey placed in your hand. That will, perhaps be all that S. will be entitled to.

He is now at work at the plates — has finished the Portulaceous genus — & nearly the other Bombacea. — I hope for an more by Saturday. — & what these are I will send to you by Harvey on Monday next that you may see them before sending to the Pestle. Sprague has the Adenotomaceous thing partly done. & now wants to know what others he is to undertake. What shall they be? I suppose you will hardly use Endothecca now — except, after first studying it, you feel ready to make a genus of it, — which very likely it is. If that mode of printing you think is natural, then figure it, by all means. —

The other Bombaceous thing (Sparaxea?) you had left sent back to me, and we will let Sonnel do it on the same stone as Fremontia - keeping that - & adding any other analyses you may suggest.

I find the specimens you gave me of the nat. gen. "Philad" - at the end of Sterculiaceae. Have you - (with mine) materials enough to figure it. If so it will be most desirable to do so. -

Lane sends her love - & "keeps her feet always dry & well-clad". Do you not also remember her clogs, she asks.

Harvey will also bring your Vesicaria - Give them all down as they are. - I now understand them well. - Also some specimens laid aside for you.

You may now keep the copy of Linn. Spec. Plantarum. ed. 3 - which you have so long had in your possession. I was so fortunate as to buy the veritable 2d ed. yesterday at the sale of Bakes' books. I bought a Plukenet complete 4 vols. square folio - in boards - for $3.00. I have it, you know already. If you want it at cost you may have it. I enclose mem. & reply from Holton. - Please forward to him.

Thus ever

A. Gray

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY

Cambridge. Monday 17, Dec. 49.

COLUMBIA UNIVERSITY.

108

My Dear Doctor.

Having had no reply to my two last, and no directions about more plants for Sprague to draw, I feel the more confident that you are coming on to see us at Christmas, — and so bring those matters with you. Lane, thro' with a poor day has come down stairs to-day, and promises to be able to eat his Christmas dinner with us.

As you can hardly lecture on Monday I trust you will come Saturday — via Newhaven Rail Road.

You have probably seen Babington & Planchon's paper about Anacharis & Apalanthe. It was published after my manual appeared, so I have never looked over the point anew. But to-night, I find, on looking out some specimens to send Babington, that all my specimens appear to be be strictly diœcious — not like those you used to gather at Princeton with good stamens in the fertile

flowers. Are they right about two plants? At any rate, will you bring with you, if to spare, specimens of the sort, with perfect flowers, to send to Babington.*

I have had, for some time the drawing ready of the Fremont plant allied to Adenostoma. It is a perfect Adenostoma, from the drawing.

Sprague is anxious to finish — & has come to ask, or leave, if I had any more directions from you. But I thought I would not let him take up the Euotheca or the Oenothera, till I heard from you.

The Med. College matter hangs like an incubus, a depressing weight over us all. — You have heard of Agassiz's engagement. — Will not Mrs. Gray and some of the girls come in with you. We cannot promise them a lively time, but shall be glad to see them nevertheless — I hear Maggy is at Washington. Faithfully yours

A. Gray

---

* Strange, that your figure in Flora Newberry does not show any stamens.

P.S.
Bring back Bolingbroke's letter.

120

120
130
250
31

Prof. John Torrey 5
67. Bixby St.
New York

CAMBRIDGE MASS.
DEC 18

Smithsonian Institution Archives
Columbian University

85.

1849

Dear Doctor

There is one thing which I think I have written of, but am not sure. I have been so busy. Wright prefers to be in the field to anything else - and is well inured to hardship and roughing it. - I want him to go as Naturalist on the Mexican Boundary Survey. Halstead goes on the Panama Rail Road. - So the coast is clear, unless you have some person in view. - If not, will you not write to Lincoln, & make interest for Wright. - He has been ten years in Texas, - was last summer on the Rio Grande - would be content with moderate pay indeed, if he has a chance to make collections. - He is Connecticut born - a professor of religion - a worthy fellow. - I have written to Prof Henry a letter to lay before the powers that may have to do with the matter - but know not whether he has done it. Leaving that Mr. Weller of Ohio is the Commissioner. I have written to Sullivant to make capital - - Pray use your interest, if you can, - for him. - We are going to send Fendler to Great Salt Lake & Mormontown. if I can get some facilities. -

I send by Eliza a bundle containing all the Compositae sent me for examination, except 2 or 3 Eriocaulons & Gnaphs. not yet settled, which I did not see till the parcel was closed — also a parcel for Casey.

We have had a real nice visit from Eliza & are much obliged to her for coming. Jane will miss her much.

Dear Doctor

The mail this morning brought me a letter from Prof. Henry, ~~not~~ enclosing one from Col. Emory, who speaks favorably & kindly as to a naturalist's going along, but says that, on your recommendation, he has promised his influence to Dr. Halstead.

Now if Halstead chooses to take the chance of this place not a very promising or flattering one — very well — we withdraw. But I understand he has a much more favorable offer from the Panama R. Road Survey, which is true for him. I want him to decide & not, after all, prevent a real collector from going. For Wright will go if he can have his fare paid to San Diego & protection & food afterwards, ~~& will make his pren~~

Mr. Lowell will advance some method for collecting, & W. will make say half dozen sets or more of Plants. — While Halstead, I suppose would naturally need considerable pay to induce him to go.

If Hi Thompson takes Panama — will you use your prevailing influence for Wright?

I enclose Emory's letter — please return it in your next — and greatly oblige —

Yours faithfully

Asa Gray.

TORREY CORRESPONDENCE
HERB. BUCH
Copy